

## Recombinant Human UBE2D3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** UBE2D3-5713H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | UBE2D3 MS Standard C13 and N15-labeled recombinant protein (NP_871618) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. |
| <b>Molecular Mass</b>   | 16.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | XWR*NGLIRNLVIWPVTLQHNVLQVQLGMICFIGKPQLWDLMTAHIKAVYSF*QFIFLQ<br>TTPSNHLRLHLQQEFIIQILTVMAAFVSIF*DHSGRLL*QFLKFFYPFVHCYVIQTQMT<br>P*CQRLHGSIKQTEISTTEYLGNGLRSMPTTRTRPLEQKLISEEDLAANDILDYKDDDD<br>KV                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Name</b>        | UBE2D3 ubiquitin-conjugating enzyme E2D 3 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | UBE2D3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>         | UBE2D3; ubiquitin-conjugating enzyme E2D 3; ubiquitin conjugating enzyme E2D 3 (homologous to yeast UBC4/5), ubiquitin conjugating enzyme E2D 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 D3; Ubch5C; E2(17)KB 3; ubiquitin-protein ligase D3; ubiquitin carrier protein D3; ubiquitin-conjugating enzyme E2(17)KB 3; ubiquitin-conjugating enzyme E2-17 kDa 3; ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5); UBC4/5; UBCH5C; E2(17)KB3; MGC5416; MGC43926; |
| <b>Gene ID</b>          | 7323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_181889                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>   | NP_871618                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>              | 602963                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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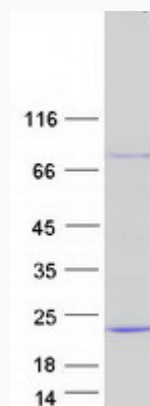
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UniProt ID

P61077

SDS-PAGE

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