

## Recombinant Human UBE2D3 Protein, His-tagged

**Cat. No.** UBE2D3-2004H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UBE2D3 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Met147) of human UBE2D3 (Accession #NP_003331.1) fused with a 6×His tag at the C-terminus.                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Met1-Met147                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>Form</b>             | Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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**Storage**

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION****Gene Name**

UBE2D3 ubiquitin conjugating enzyme E2 D3 [ Homo sapiens (human) ]

**Official Symbol**

UBE2D3

**Synonyms**

E2(17)KB3;UBC4/5;UBCH5C

**Gene ID**

7323

**mRNA Refseq**

NM\_181893

**Protein Refseq**

NP\_003331.1

**MIM**

602963

**UniProt ID**

P61077

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