

## Recombinant Human UBE2G2

**Cat. No.** UBE2G2-126H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                  |
|-------------------------|------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UBE2G2 was expressed in E.coli.                |
| <b>Species</b>          | Human                                                            |
| <b>Source</b>           | E.coli                                                           |
| <b>Form</b>             | Liquid, 50 mM Tris, pH 7.5; 150 mM NaCl; 10 mM DTT; 10% glycerol |
| <b>Molecular Mass</b>   | 18565.3 Da by MS (calculated 18566.4)                            |
| <b>Purity</b>           | >95% by RP-HPLC                                                  |
| <b>Applications</b>     | Ubiquitin ligation reactions                                     |
| <b>Storage</b>          | Store at -80°C. Avoid repeated freeze/thaw cycles.               |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | UBE2G2 ubiquitin-conjugating enzyme E2G 2 [ Homo sapiens ]                                                                                                                                                                                   |
| <b>Official Symbol</b> | UBE2G2                                                                                                                                                                                                                                       |
| <b>Synonyms</b>        | UBE2G2; ubiquitin-conjugating enzyme E2G 2; ubiquitin conjugating enzyme E2G 2 (homologous to yeast UBC7) , ubiquitin conjugating enzyme E2G 2 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2 G2; UBC7; ubiquitin-protein ligase G2; |

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | ubiquitin carrier protein G2; ubiquitin conjugating enzyme 7; ubiquitin conjugating enzyme G2; ubiquitin-conjugating enzyme E2G 2 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2G 2 (homologous to yeast UBC7);                                                                                                            |
| <b>Gene ID</b>             | <a href="#">7327</a>                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_001202489</a>                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | <a href="#">NP_001189418</a>                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | <a href="#">603124</a>                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | <a href="#">P60604</a>                                                                                                                                                                                                                                                                                                             |
| <b>Chromosome Location</b> | 21q22.3                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Parkinsons disease, organism-specific biosystem; |
| <b>Function</b>            | ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; protein binding; ubiquitin-protein ligase activity;                                                                                                                                                                                             |