

## Recombinant Human UBE2G1, GST-tagged

Cat. No. UBE2G1-3534H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human UBE2G1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 1-170aa   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.   |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | UBE2G1 ubiquitin-conjugating enzyme E2G 1 [ Homo sapiens ]   |
| <b>Official Symbol</b> | UBE2G1   |
| <b>Synonyms</b>        | UBE2G1; ubiquitin-conjugating enzyme E2G 1; UBE2G, ubiquitin conjugating enzyme E2G 1 (homologous to C. elegans UBC7) , ubiquitin conjugating enzyme E2G 1 (UBC7 homolog, C. elegans) , ubiquitin conjugating enzyme E2G 1 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2 G1; UBC7; ubiquitin-protein ligase G1; |

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ubiquitin carrier protein G1; ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast); ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C. elegans); ubiquitin-conjugating enzyme E2G 1 (homologous to C. elegans UBC7); E217K; UBE2G;

**Gene ID** [7326](#)

**mRNA Refseq** [NM\\_003342](#)

**Protein Refseq** [NP\\_003333](#)

**MIM** [601569](#)

**UniProt ID** [P62253](#)

**Chromosome Location** 17p13.2

**Pathway** 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, organi

**Function** ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity;

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