

## Recombinant Human UBE2M, His-tagged

Cat. No. UBE2M-135H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2M, fused with His tag, 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>	21894.2 Da by MS (calculated 21894)
<b>Purity</b>	>90% 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>	UBE2M ubiquitin-conjugating enzyme E2M [ Homo sapiens ]
<b>Official Symbol</b>	UBE2M
<b>Synonyms</b>	UBE2M; ubiquitin-conjugating enzyme E2M; ubiquitin conjugating enzyme E2M (homologous to yeast UBC12) , ubiquitin conjugating enzyme E2M (UBC12 homolog, yeast); NEDD8-conjugating enzyme Ubc12; hUbc12; UBC12; yeast UBC12 homolog;

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NEDD8 protein ligase; NEDD8 carrier protein; ubiquitin-protein ligase M; ubiquitin carrier protein M; ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast); UBC-RS2;

**Gene ID** [9040](#)

**mRNA Refseq** [NM\\_003969](#)

**Protein Refseq** [NP\\_003960](#)

**MIM** [603173](#)

**UniProt ID** [P61081](#)

**Chromosome Location** 19q13.43

**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, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

**Function** ATP binding; NEDD8 ligase activity; acid-amino acid ligase activity; ligase activity; nucleotide binding; protein binding; ribosomal S6-glutamic acid ligase activity; ubiquitin-protein ligase activity; ubiquitin-protein ligase activity;

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