

## Recombinant Human UBE2M protein(Met1-Lys183)

**Cat. No.** UBE2M-857H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2M (P61081) (Met 1-Lys 183) was expressed and purified in <i>E. coli</i> , with additional two amino acids (Gly & Pro) at the N-terminus.
<b>Source</b>	<i>E. coli</i>
<b>Species</b>	Human
<b>Tag</b>	N/A
<b>Protein length</b>	Met1-Lys183
<b>Form</b>	Lyophilized from sterile PBS, 10% glycerol, 1mM DTT, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human UBE2M consists of 185 amino acids and has a calculated molecular mass of 21 kDa. It migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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; NEDD8 protein ligase; NEDD8 carrier protein; ubiquitin-protein ligase M; ubiquitin carrier protein M; ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast); UBC-RS2;
<b>Gene ID</b>	9040
<b>mRNA Refseq</b>	NM_003969
<b>Protein Refseq</b>	NP_003960
<b>MIM</b>	603173
<b>UniProt ID</b>	P61081

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