

## Recombinant Human B2M protein, His-tagged

Cat. No. B2M-2783H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B2M protein(22-119 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-119 aa
<b>Tag</b>	N-His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

QRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIEKVEHSDLFSK  
DWSFYLLYYTEFTPTEKDEYACRVNHVTLSQPKIVKWDRDM

**GENE INFORMATION**

<b>Gene Name</b>	B2M beta-2-microglobulin [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	B2M
<b>Synonyms</b>	B2M; beta-2-microglobulin; beta-2-microglobin; beta chain of MHC class I molecules;
<b>Gene ID</b>	567
<b>mRNA Refseq</b>	NM_004048
<b>Protein Refseq</b>	NP_004039
<b>MIM</b>	109700
<b>UniProt ID</b>	P61769

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**SDS-PAGE**



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