

## Recombinant Human B2M protein, His-tagged

Cat. No. B2M-1656H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B2M protein (Met 1-Met 119), fused to His tag at C-terminus, was expressed in human 293 cells (HEK293).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Protein Length</b>	Met 1-Met 119
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Molecular Mass</b>	The recombinant human B2M consists of 110 amino acids and migrates as an approximately 13.2 kDa band in SDS-PAGE under reducing conditions as predicted.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % 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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

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

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