

## Recombinant Mouse B2m Protein, MYC/DDK-tagged

Cat. No. B2m-685M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse beta-2 microglobulin (B2m), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.
<b>Molecular Mass</b>	14.2 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	B2m beta-2 microglobulin [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	B2m
<b>Synonyms</b>	B2m; beta-2 microglobulin; Ly-m11; beta2m; beta2-m; beta-2-microglobulin
<b>Gene ID</b>	12010
<b>mRNA Refseq</b>	NM_009735
<b>Protein Refseq</b>	NP_033865
<b>UniProt ID</b>	P01887

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