Recombinant Mouse B2M Protein, His-tagged

Cat. No. B2M-938M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse B2M (P01887) (Met 1-Met 119), without the propeptide, was fused with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-119 a.a.
Predicted N Terminal	Ile 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse B2M comprises 110 amino acids and has a calculated molecular mass of 13 kDa. The apparent molecular mass of rmB2M is approximately 15 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	B2m beta-2 microglobulin [Mus musculus]
Official Symbol	B2M
Synonyms	B2M; beta-2 microglobulin; beta-2-microglobulin; Ly-m11; beta2m; beta2-m;
Gene ID	12010
mRNA Refseq	NM_009735
Protein Refseq	NP_033865
MIM	
UniProt ID	
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presenta
Function	protein binding;

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