

Recombinant Rat B2M protein(Met1-Met119), His-tagged

Cat. No. B2M-1111R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat B2M (P07151) (Met 1-Met 119) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Met119
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant rat B2M comprises 110 amino acids and predicts a molecular mass of 13 kDa. The apparent molecular mass of the rat B2M 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
Storage	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.
Reconstitution	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

Gene Name	B2m beta-2 microglobulin [Rattus norvegicus]
Official Symbol	B2M
Synonyms	B2M; beta-2 microglobulin; beta-2-microglobulin;
Gene ID	24223
mRNA Refseq	NM_012512
Protein Refseq	NP_036644

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