

Recombinant Cynomolgus B2M Protein, His-tagged

Cat. No. B2M-1200C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus B2M (Q6V7J5) (Met 1-Met119) was expressed, fused with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
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 recombinant heterodimer of Cynomolgus B2M comprises 110 amino acids and has a calculated molecular mass of 13.1 KDa. The apparent molecular mass of cyno B2M heterodimer is approximately 14 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>96 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name B2M beta-2-microglobulin [*Macaca fascicularis*]

Official Symbol B2M

Synonyms beta-2-microglobulin

Gene ID 101867173

mRNA Refseq NM_001284689

Protein Refseq NP_001271618

MIM

UniProt ID

Chromosome Location chromosome: 7

Pathway Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem

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