

Recombinant Cynomolgus CD8B protein, hFc-tagged

Cat. No. CD8B-0880C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD8B protein(XP_005575417.1) (Met1-Pro170) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Pro170
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 recombinant cynomolgus CD8B consists of 393 amino acids and predicts a molecular mass of 43.88 kDa. It migrates as an approximately 53.73 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>90% 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.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	CD8B CD8b molecule [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	CD8B
Synonyms	CD8B
Gene ID	102122433
mRNA Refseq	XM_005575360
Protein Refseq	XP_005575417
UniProt ID	F7EXY4

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