

Active Recombinant Mouse Cd8a protein, His-tagged

Cat. No. Cd8a-2283M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd8a protein(NP_001074579.1)(Met1-Tyr196), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Tyr196
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to bind biotinylated recombinant human B2M in functional ELISA.
Molecular Mass	The secreted recombinant mouse CD8a consists of 180 amino acids and has a calculated molecular mass of 20.3 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 35 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd8a CD8 antigen, alpha chain [<i>Mus musculus</i>]
Official Symbol	Cd8a
Synonyms	CD8A; CD8 antigen, alpha chain; T-cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein Lyt-2; Lyt-2.1 lymphocyte differentiation antigen (AA at 100); Ly-2; Ly-B; Ly-35; Lyt-2; BB154331;
Gene ID	12525
mRNA Refseq	NM_001081110
Protein Refseq	NP_001074579

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