

Recombinant Mouse CD7 protein(Met1-Pro150), His-tagged

Cat. No. Cd7-2280M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD7 (NP_033984.1) (Met 1-Pro 150) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-150 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind biotinylated recombinant human SECTM1 in a functional ELISA.
Molecular Mass	The secreted recombinant mouse CD7 comprises 138 amino acids and has a predicted molecular mass of 15.7 kDa. As a result of glycosylation, the apparent molecular mass of rmCD7 is approximately 20-30 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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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	Cd7 CD7 antigen [<i>Mus musculus</i>]
Official Symbol	CD7
Synonyms	CD7; CD7 antigen; T-cell antigen CD7;
Gene ID	12516
mRNA Refseq	NM_009854
Protein Refseq	NP_033984

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