

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

Cat. No. CD7-2337M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD7 (NP_033984.1) (Met1-Pro150) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro150
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 Mouse CD7 consists of 365 amino acids and predicts a molecular mass of 40.96 kDa. It migrates as an approximately 48.67 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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	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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