

Recombinant Rat Cd7 protein(Met1-Pro149), hFc-tagged

Cat. No. Cd7-8761R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD7 (B2RZ54) (Met1-Pro149) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro149
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 Rat CD7/Fc is a disulfide-linked homodimer. The reduced monomer comprises 368 amino acids and has a predicted molecular mass of 41.1 kDa. The apparent molecular mass of the protein is approximately 48 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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 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 molecule [*Rattus norvegicus*]

Official Symbol Cd7

Synonyms CD7; Cd7 molecule; T-cell antigen CD7; CD7 antigen;

Gene ID 303747

mRNA Refseq NM_001107074

Protein Refseq NP_001100544

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