

Recombinant Mouse CD53 protein, His-tagged

Cat. No. CD53-2242M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD53 protein(Q61451)(Glu107-Asn181), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Glu107-Asn181
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 CD53 consists of 95 amino acids and predicts a molecular mass of 10.6 KDa. It migrates as an approximately 22 KDa band in SDS-PAGE under reducing conditions due to glycosylation.
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.
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 Cd53 CD53 antigen [*Mus musculus*]

Official Symbol CD53

Synonyms CD53; CD53 antigen; leukocyte surface antigen CD53; cell surface glycoprotein CD53; Ox-44; Tspan25; AI323659;

Gene ID 12508

mRNA Refseq NM_007651

Protein Refseq NP_031677

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