

Recombinant Mouse Cd53, His tagged

Cat. No. CD53-158M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd53 (Q61451) (Glu107-Asn181), fused with a polyhistidine tag at the N-terminus, was produced in Human Cells.
Species	Mouse
Source	Human Cells
ProteinLength	107-181 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol 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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. 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

Gene ID [12508](#)

mRNA Refseq [NM_007651](#)

Protein Refseq [NP_031677](#)

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