

Recombinant Cynomolgus CD53, Fc tagged

Cat. No. CD53-98C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD53 (G7NW46) (Glu107-Asn181), fused with the Fc region of mouse IgG1 at the N-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	107-181 a.a.
Predicted N Terminal	Asp
Form	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus CD53 is a disulfide-linked homodimer. The reduced monomer comprises 311 amino acids and has a calculated molecular mass of 34.9 KDa. The apparent molecular mass of it is approximately 44 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

CD53?CD53 molecule [?Macaca fascicularis?(crab-eating macaque)]

Official Symbol

CD53

Gene ID

102127943

mRNA Refseq

XM_005542401

Protein Refseq

XP_005542458

**Chromosome
Location**

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