Recombinant Cynomolgus CD53, His tagged

Cat. No. CD53-99C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD53 (G7NW46) (Glu107-Asn181), fused with a polyhistide tag at the N-terminus, was produced in Human Cells.
Species	Cynomolgus
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 heterodimer of cynomolgus CD53 comprises 95 amino acids and has a calculated molecular mass of 10.7 KDa. The apparent molecular mass of the protein is approximately 19-22 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.
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℃ 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	1

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