

Recombinant Cynomolgus CD59, His tagged

Cat. No. CD59-97C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD59 (G7PQF7) (Met1-Glu101), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-101 a.a.
Predicted N Terminal	Leu 26
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 CD59 comprises 87 amino acids and has a calculated molecular mass of 10.2 KDa. The apparent molecular mass of it is approximately 18 and 14 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(77.8+20.8) % 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	CD59?CD59 glycoprotein [?Macaca fascicularis?(crab-eating macaque)]
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Official Symbol	CD59
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Gene ID	101867071
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mRNA Refseq	NM_001283527
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Protein Refseq	NP_001270456
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UniProt ID	Q8SQ46
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Chromosome Location	14
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