

Active Recombinant Cynomolgus CD58 Protein, His-tagged

Cat. No. CD58-1205C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus CD58 (F7HQR6) (Met1-Arg215) was expressed with a polyhistidine tag at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-215 a.a.
Predicted N Terminal	Ile 29
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Cynomolgus CD58-His at 10 µg/ml (100 µl/well) can bind Cynomolgus CD2-Fc, The EC50 of Cynomolgus CD2-Fc is 0.06-0.14 µg/ml.
Molecular Mass	The recombinant cynomolgus CD58 comprises 198 amino acids and has a calculated molecular mass of 23 KDa. The apparent molecular mass of it is approximately 38-42 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD58 CD58 molecule [<i>Macaca fascicularis</i>]
Official Symbol	CD58
Synonyms	CD58 molecule
Gene ID	102123839
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Chromosome Location	chromosome: 1
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosystem

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