

Active Recombinant Cynomolgus CD2 Protein, Fc-tagged

Cat. No. CD2-1219C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant cynomolgus CD2 (Q6SZ61) (Met1-Asp209) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	1-209 a.a.
Predicted N Terminal	Lys 25
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 CD2 comprises 423 amino acids and has a calculated molecular mass of 48.1 KDa. The apparent molecular mass of the protein is approximately 63 KDa 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.

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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	CD2 CD2 molecule [<i>Macaca fascicularis</i>]
Official Symbol	CD2
Synonyms	cluster of differentiation 2
Gene ID	102120798
mRNA Refseq	NM_001283777
Protein Refseq	NP_001270706
MIM	
UniProt ID	Q6SZ61
Chromosome Location	chromosome: 1
Pathway	Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem

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