

Recombinant Cynomolgus CD36, Fc-tagged

Cat. No. CD36-96C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus CD36 (Q4R6B4) (Gly30-Asn439), fused with the Fc region of human IgG1 at the C-terminus, was produced in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gly30-Asn439
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 CD36 is a disulfide-linked homodimer. The reduced monomer comprises 651 amino acids and has a calculated molecular mass of 73.6 KDa. The apparent molecular mass of the protein is approximately 106 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>70 % as determined by SDS-PAGE
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.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CD36 CD36 molecule [<i>Macaca fascicularis</i> (crab-eating macaque)]
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Official Symbol	CD36
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Gene ID	101926577
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mRNA Refseq	XM_005550374
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Protein Refseq	XP_005550431
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UniProt ID	Q4R6B4
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