

## Recombinant Cynomolgus CD36, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus CD36 (Q4R6B4) (Gly30-Asn439), fused with the Fc region of human IgG1 at the C-terminus, was produced in HEK293.
<b>Species</b>	Cynomolgus
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly30-Asn439
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>70 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	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 [ *Macaca fascicularis* (crab-eating macaque) ]

**Official Symbol** CD36

**Gene ID** 101926577

**mRNA Refseq** XM\_005550374

**Protein Refseq** XP\_005550431

**UniProt ID** Q4R6B4

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