

## 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**

|                  |                                                                         |
|------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b> | CD36 CD36 molecule [ <i>Macaca fascicularis</i> (crab-eating macaque) ] |
|------------------|-------------------------------------------------------------------------|

|                        |      |
|------------------------|------|
| <b>Official Symbol</b> | CD36 |
|------------------------|------|

|                |           |
|----------------|-----------|
| <b>Gene ID</b> | 101926577 |
|----------------|-----------|

|                    |              |
|--------------------|--------------|
| <b>mRNA Refseq</b> | XM_005550374 |
|--------------------|--------------|

|                       |              |
|-----------------------|--------------|
| <b>Protein Refseq</b> | XP_005550431 |
|-----------------------|--------------|

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|-------------------|--------|
| <b>UniProt ID</b> | Q4R6B4 |
|-------------------|--------|

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