

## Recombinant Cynomolgus/Rhesus CD86 protein(Met1-His239), hFc-tagged

**Cat. No.** CD86-1289C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cynomolgus / Rhesus CD86 (XP_005548057.1/Q9BDM4) (Met1-His239) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus. Cynomolgus and Rhesus CD86 sequences are identical.                                                                      |
| <b>Species</b>          | Cynomolgus/Rhesus                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Met1-His239                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant Cynomolgus / Rhesus CD86 is a disulfide-linked homodimer. The reduced monomer comprises 461 amino acids and has a calculated molecular mass of 52.2 KDa. The apparent molecular mass of the protein is approximately 76-86 and 34 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>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein                                                                                                      |

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Official Symbol** CD86

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