

## Recombinant Cynomolgus CD83, Fc tagged

**Cat. No.** CD83-8850C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus CD83 (F6WX37) (Met1-Ala143), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
<b>Species</b>	Cynomolgus
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-143 a.a.
<b>Predicted N Terminal</b>	Thr 20
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant cynomolgus CD83 is a disulfide-linked homodimer. The reduced monomer comprises 365 amino acids and has a calculated molecular mass of 41 KDa.The apparent molecular mass of the protein is approximately 45-55 and 34 KDa respectively in SDS-P
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	(87.6+11.5) % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD83?CD83 molecule [?Macaca fascicularis?(crab-eating macaque) ]

**Official Symbol** CD83

**Gene ID** 102133406

**mRNA Refseq** XM\_005553992

**Protein Refseq** XP\_005554049

**Chromosome Location** 4

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