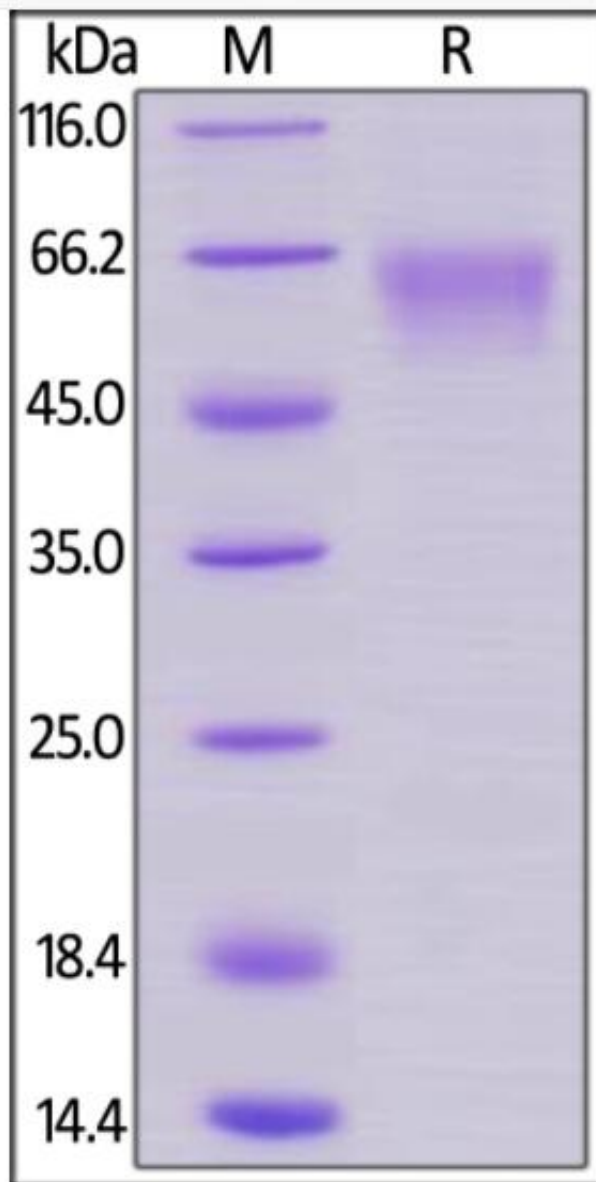


Recombinant Cynomolgus/Rhesus macaque CD27 protein, C-mFc Tag

Product Information

Cat	IMP-167
Official Symbol	CD27
Product Overview	<i>Recombinant Cynomolgus/Rhesus macaque CD27 protein(AA Ala 20-Arg 191)(Accession # XP_005569963.1) is expressed from human 293 cells (HEK293). In the region Ala 20-Arg 191, the AA sequence of Cynomolgus and Rhesus macaque CD27 are homologous. This protein carries a mouse IgG2a Fc tag at the C-terminus.</i>
Expression System	HEK293
Species	Cynomolgus/Rhesus macaque
Tag	C-mFc Tag
Form	<i>Lyophilized from sterile 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.</i>
Molecular Mass	<i>This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 46.2 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.</i>
Protein length	Ala 20-Arg 191
Endotoxin	<i>Less than 0.1 EU per ug by the LAL method.</i>
Purity	<i>>95% as determined by SDS-PAGE.</i>
Storage	<i>For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.</i>
Reconstitution	<i>It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.</i>
SDS-PAGE	

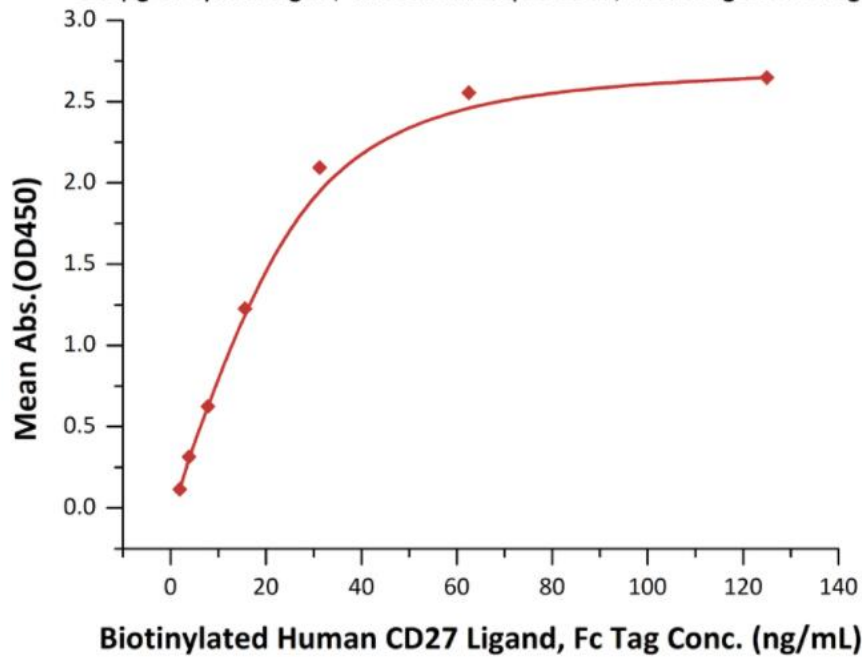


Cynomolgus / Rhesus macaque CD27, Mouse IgG2a Fc Tag, low endotoxin on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA 1

Cynomolgus / Rhesus macaque CD27, Mouse IgG2a Fc Tag ELISA

0.2 µg of Cynomolgus / Rhesus macaque CD27, Mouse IgG2a Fc Tag per well



Immobilized Cynomolgus / Rhesus macaque CD27, Mouse IgG2a Fc Tag at 2 µg/mL (100 µL/well) can bind Biotinylated Human CD27 Ligand, Fc Tag with a linear range of 2-31 ng/mL (QC tested).