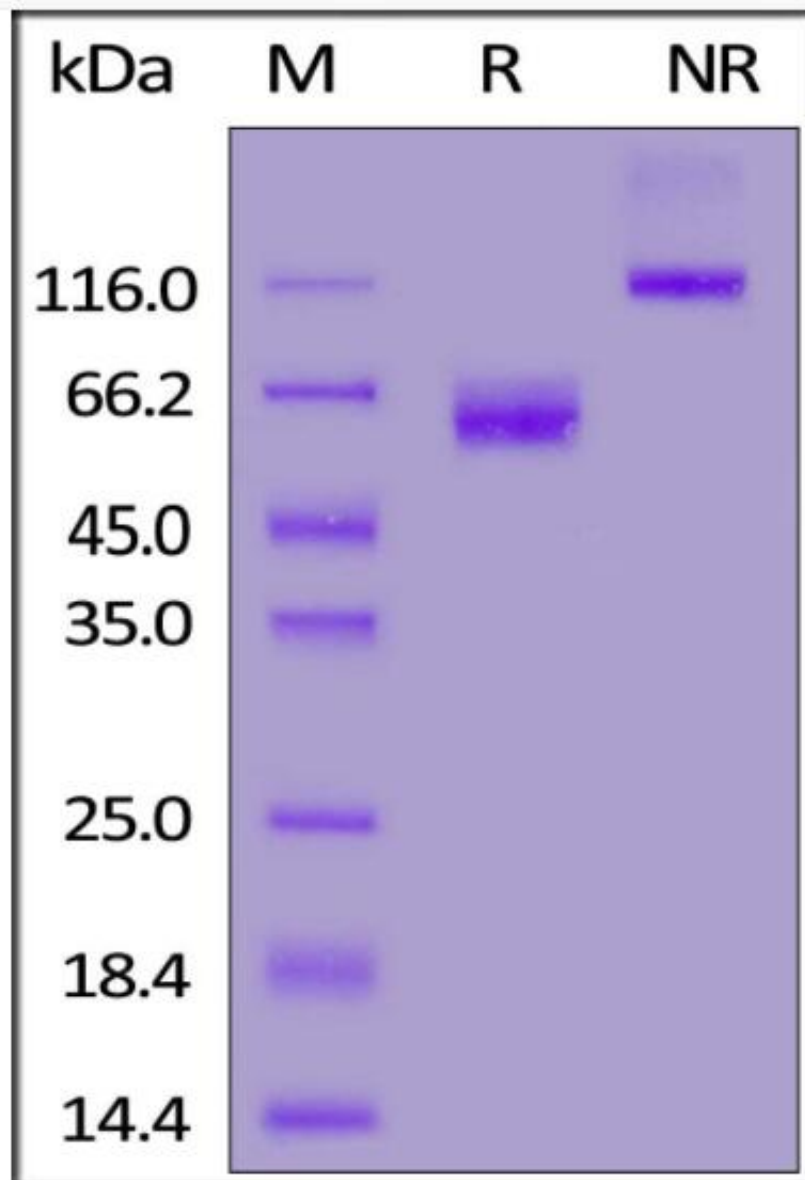


Recombinant Cynomolgus/Rhesus macaque CD47 protein, C-Fc Tag

Product Information

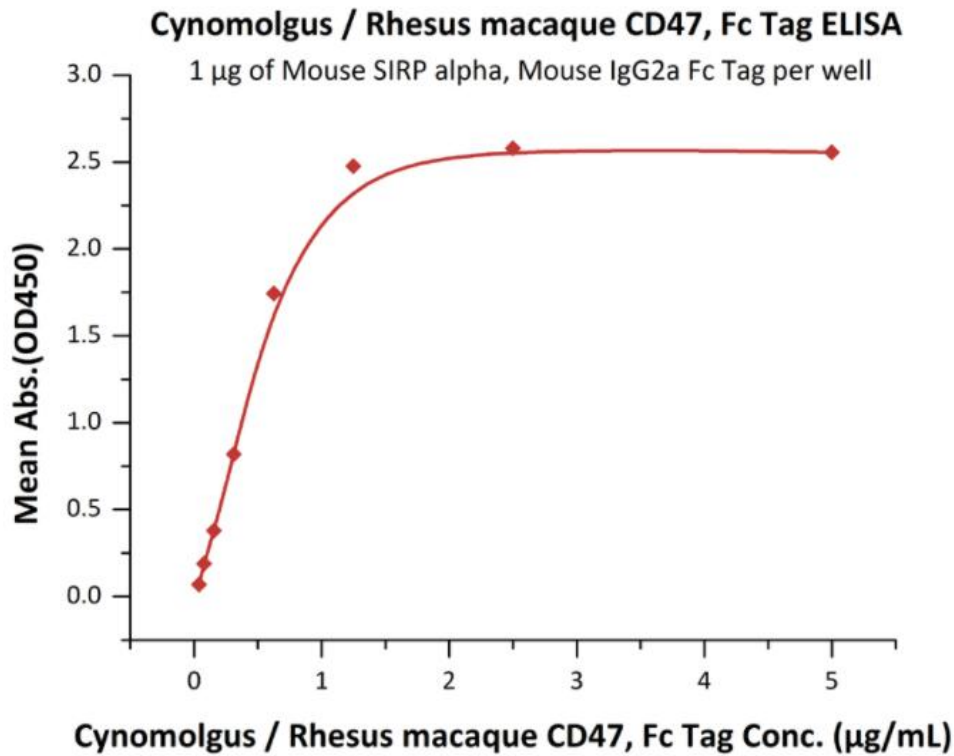
Cat	IMP-278
Official Symbol	CD47
Product Overview	<i>Recombinant Cynomolgus/Rhesus macaque CD47 protein(AA Gln 19-Glu 141)(Accession # F7A802-1) is expressed from human 293 cells (HEK293). In the region Gln 19-Glu 141, the AA sequence of Cynomolgus and Rhesus macaque CD47 are homologous. This protein carries a human IgG1 Fc tag at the C-terminus.</i>
Expression System	HEK293
Species	Cynomolgus/Rhesus macaque
Tag	C-Fc Tag
Form	<i>Lyophilized from sterile Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.</i>
Molecular Mass	<i>This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 40.5 kDa. As a result of glycosylation, the protein migrates as 50-66 kDa under reducing (R) condition, and 100-130 kDa under non-reducing (NR) condition (SDS-P</i>
Protein length	Gln 19-Glu 141
Endotoxin	<i>Less than 1.0 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 CD47, Fc Tag on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity-ELISA 1



Immobilized Mouse SIRP alpha, Mouse IgG2a Fc Tag at 10 μ g/mL (100 μ L/well) can bind Cynomolgus/Rhesus macaque CD47, Fc Tag with a linear range of 0.039-0.625 μ g/mL (QC tested).