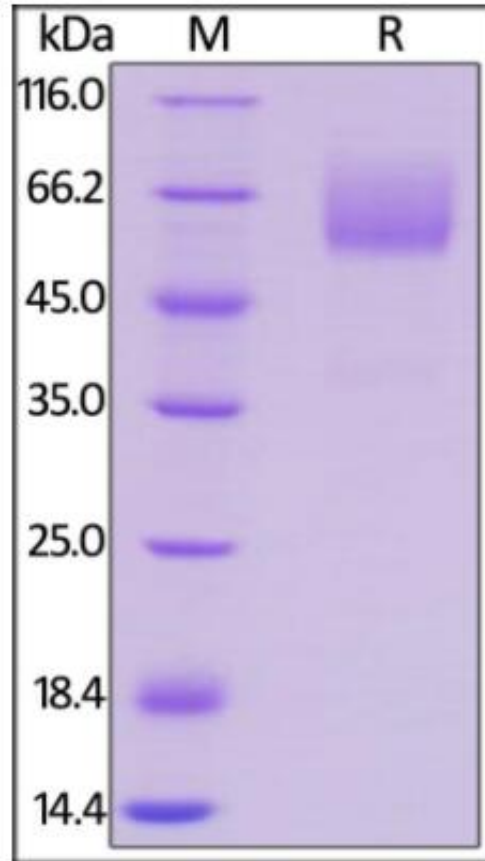


Recombinant Mouse Cd47 protein, C-mFc Tag

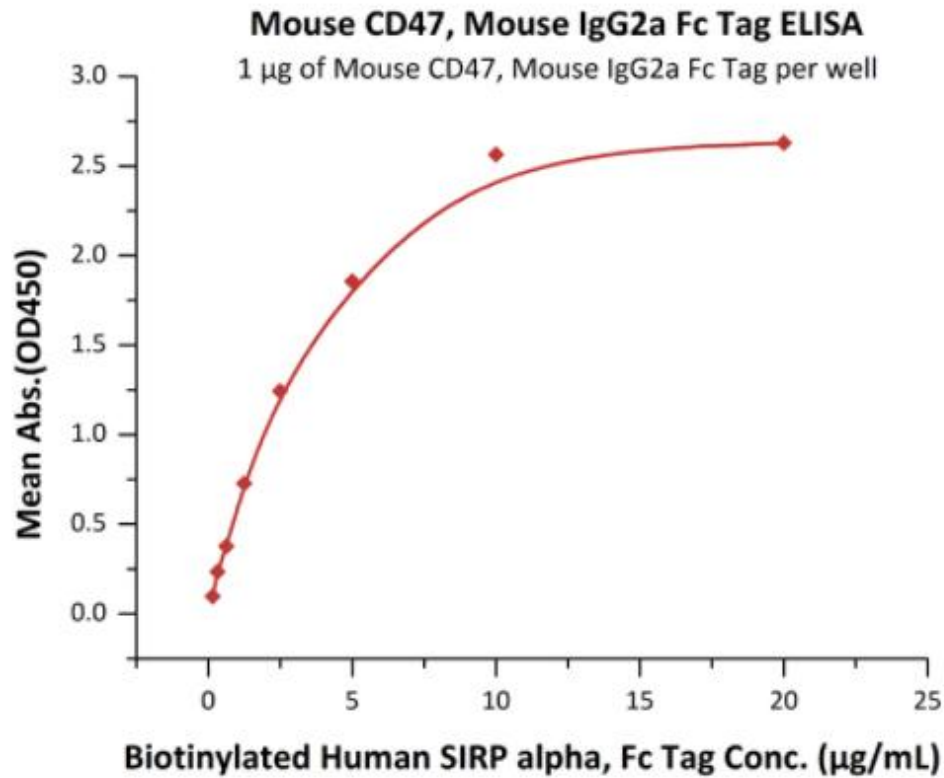
Product Information

Cat	IMP-151
Official Symbol	Cd47
Product Overview	Recombinant Mouse Cd47 protein(AA Gln 19-Lys 140)(Accession # Q61735-1) is expressed from human 293 cells (HEK293). This protein carries a mouse IgG2a Fc tag at the C-terminus.
Expression System	HEK293
Species	Mouse
Tag	C-mFc Tag
Form	Lyophilized from sterile Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 40.7 kDa. The protein migrates as 55-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Protein length	Gln 19-Lys 140
Endotoxin	Less than 0.1 EU per ug by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	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.
Reconstitution	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.
SDS-PAGE	



Mouse CD47, 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



Immobilized Mouse CD47, Mouse IgG2a Fc Tag, low endotoxin at 10 μ g/mL (100 μ L/well) can bind Biotinylated Human SIRP alpha, Fc Tag with a linear range of 0.16-5 μ g/mL.