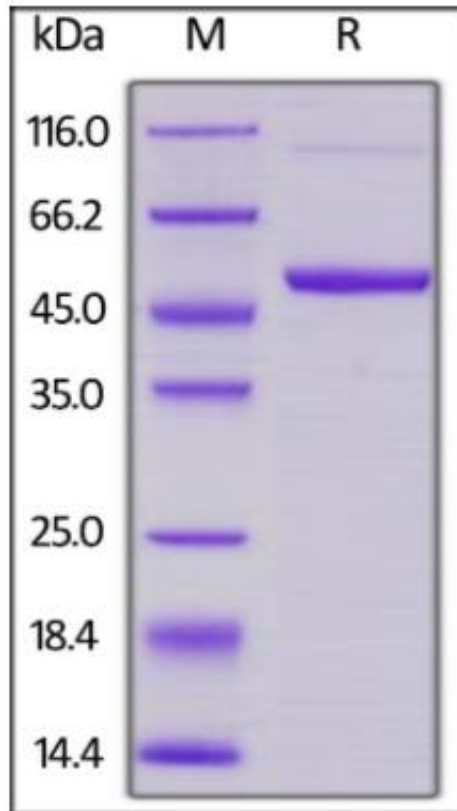


Recombinant Human TNFSF9 protein, C-mFc Tag

Product Information

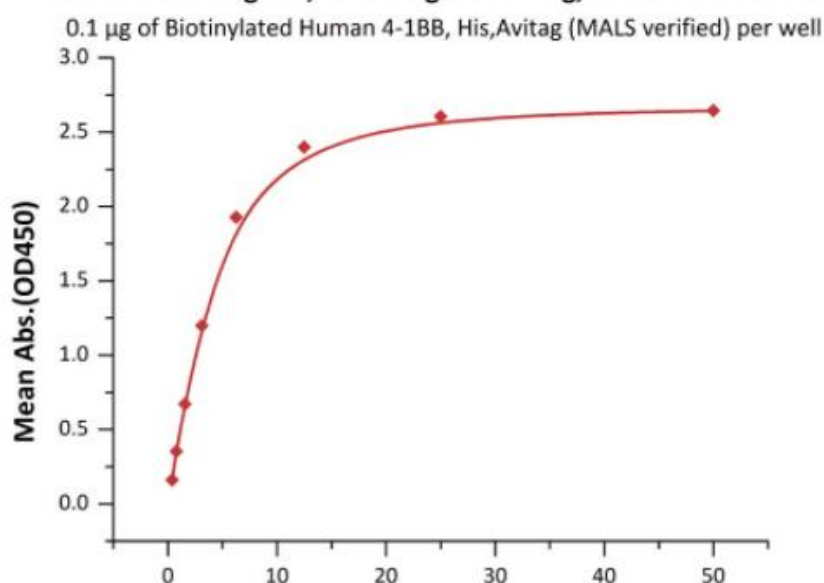
Cat	IMP-154
Official Symbol	TNFSF9
Product Overview	Recombinant Human TNFSF9 protein(AA Ala 50-Glu 254)(Accession # P41273-1) is expressed from human 293 cells (HEK293). This protein carries a mouse IgG2a Fc tag at the C-terminus.
Expression System	HEK293
Species	Human
Tag	C-mFc Tag
Form	Lyophilized 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 48.3 kDa. The protein migrates as 47-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Protein length	Ala 50-Glu 254
Endotoxin	Less than 0.1 EU per ug by the LAL method.
Purity	>90% 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	



Human 4-1BB Ligand, 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 90%.

Bioactivity-ELISA 1

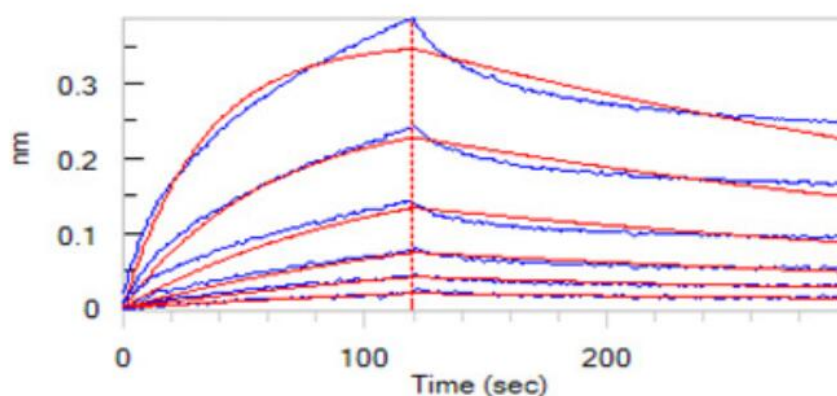
Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin ELISA



Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin Conc. (ng/mL)

Immobilized Biotinylated Human 4-1BB, His,Avitag(MALS verified) at 1 μ g/mL (100 μ L/well) on Recombinant Streptavidin precoated (0.5 μ g/well) plate, can bind Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 0.2-6 ng/mL.

Bioactivity-BL



Loaded Human 4-1BB Ligand, Mouse IgG2a Fc Tag, low endotoxin on Protein A Biosensor, can bind Human 4-1BB, His Tag, low endotoxin with an affinity constant of 16.9 nM as determined in BLI assay (ForteBio Octet Red96e).