

Product datasheet for **TP721250M**

FCGR1A Human Recombinant Protein

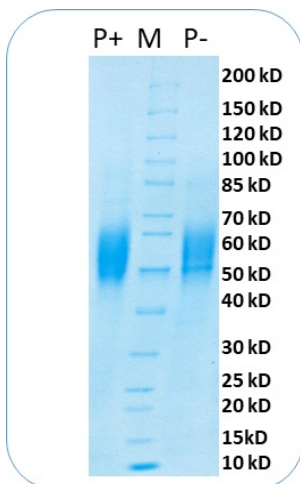
Product data:

Product Type:	Recombinant Proteins
Description:	Human CD64 Protein (C-His-Avi)
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	Gln16-Thr287
Tag:	C-His-Avi
Predicted MW:	The protein has the predicted molecular weight of 34.2kDa and migrates at approximately 50-60 kDa on SDS-PAGE with DTT-reduced condition before PE conjugation.
Concentration:	25µg size is bottled at 0.2mg/mL concentration. 100 µg size is bottled at lot specific concentration.
Purity:	>90%
Buffer:	1xPBS buffer, pH7.4
Bioactivity:	Positive
	The definition of the active protein (purified and biotinylated) is defined as the protein that can bind to its biological receptor/ligand. For conjugated protein, it is defined with its function to bind to the ScFv of the active CAR-transfected cells in flow cytometry test.
Preparation:	Affinity Ni-NTA
Applications:	ELISA
Storage:	An unopened vial can be stored at 4°C for 2 weeks or at -20°C and below for six months. This stock solution should be aliquoted and stored at ≤ -70°C to minimize the freeze/thaw cycles.
Stability:	6 Months
RefSeq:	NP_000557.1
Locus ID:	2209
UniProt ID:	P12314

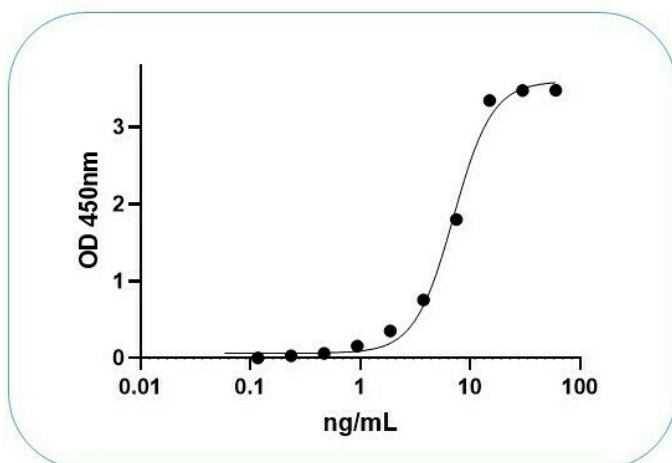


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Product images:



Human IgG1 isotype protein is coated at 1 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$). Human CD64 protein can be bind Human IgG1 protein in the dose dependent manner. The EC50 is about 3-10 ng/mL .



Human CD64 protein (C-His-Avi) on SDS-PAGE under reducing condition P(+) and non-reducing condition P(-) . The purity of this protein appears to be greater than 95% based on Coomassie-blue staining.