

Product datasheet for **TP723936**

CD27 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD27 Protein, mFc-His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD27[Ala20-Arg191]+mFc[Pro99-Lys330]+6×His
Tag:	C-Mouse Fc and 6×His
Predicted MW:	65-72 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	939
UniProt ID:	P26842
Summary:	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.



[View online »](#)

Product images:

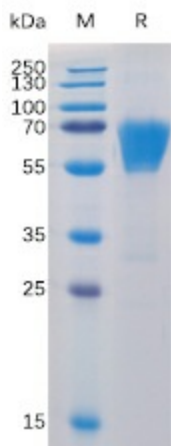


Figure 1. Human CD27 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human CD27, mFc-His Tagged protein ELISA

0.2 µg of CD27, mFc-His Tagged protein per well

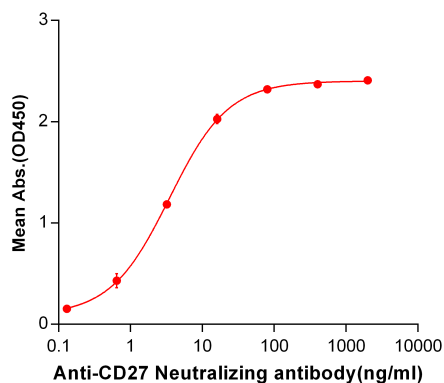


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD27, mFc-His tagged protein (TP723936) can bind Anti-CD27 Neutralizing antibody (BME100018) in a linear range of 0.64-16.0 ng/ml.