

Product datasheet for **TP723951**

CD96 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD96 Protein, mFc-His tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD96[Val22-Asn503]+mFc[Pro99-Lys330]+6×His tag
Tag:	C-Mouse Fc and 6×His
Predicted MW:	78.9 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
Applications:	ELISA
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:	10225
UniProt ID:	P40200
Summary:	The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms.



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Product images:

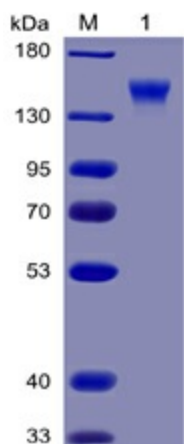


Figure 1. Human CD96 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human CD96, mFc-His Tagged protein ELISA

0.2 µg of CD155, hFc Tagged protein per well

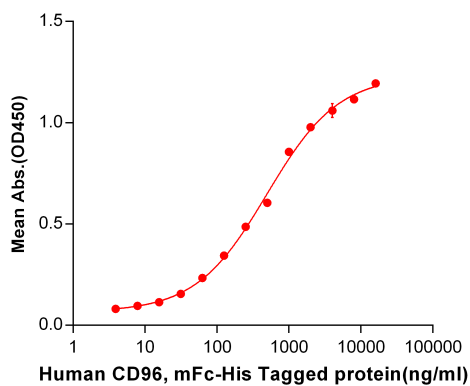


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD96, mFc-His tagged protein (TP723951) can bind Human CD155, hFc tagged protein ([TP724018]) in a linear range of 62.5-4000 ng/ml.