

Product datasheet for **TP723950**

Poliovirus Receptor (PVR) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human CD155 Protein, mFc-His tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD155-Trp21-Asn343+mFc-Pro99-Lys330+6×His tag
Tag:	C-Mouse Fc and 6×His
Predicted MW:	62.2 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:	5817
UniProt ID:	P15151
Summary:	The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene.



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Product images:

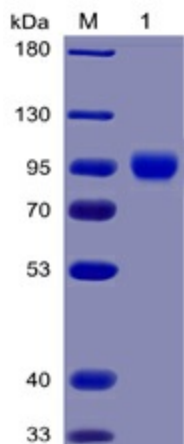


Figure 1. Human CD155 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human CD155, mFc-His Tagged protein ELISA

0.2 µg of TIGIT, hFc Tagged protein per well

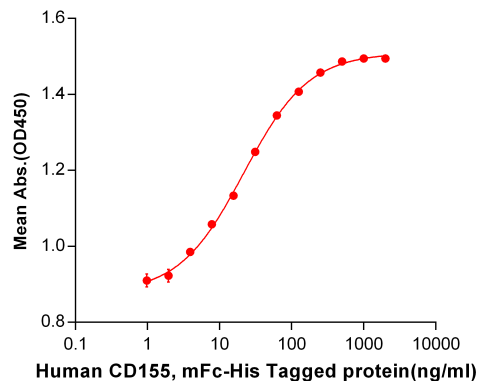


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD155, mFc-His tagged protein (TP723950) can bind Human TIGIT, hFc tagged protein ([TP723994]) in a linear range of 1.95-125 ng/ml.