

## Product datasheet for **TP724018**

### Poliovirus Receptor (PVR) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Human CD155 Protein, hFc tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	CD155-Trp21-Asn343+hFc-Glu99-Ala330
Tag:	C-Human Fc
Predicted MW:	61.2 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:	<a href="#">P15151</a>
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.



[View online »](#)

Product images:

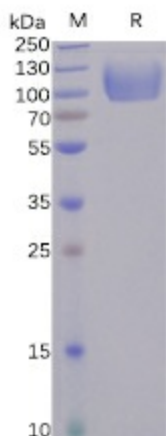


Figure 1. Human CD155 Protein, hFc Tag on SDS-PAGE under reducing condition.

**Human CD155, hFc Tagged protein ELISA**  
 0.2 µg of Human DNAM-1, mFc-His Tagged protein per well

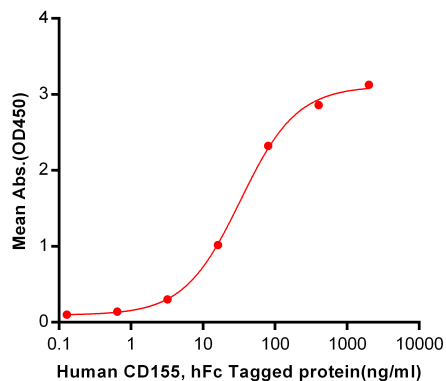


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human DNAM-1, mFc-His tagged protein ([TP723967]) can bind Human CD155, hFc Tagged protein [TP724018] in a linear range of 0.128-32.88 ng/ml.

**Human CD155, hFc Tagged protein ELISA**

0.2 µg of CD155, hFc Tagged protein per well

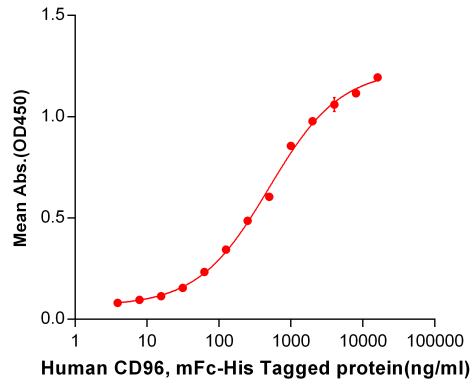


Figure 3. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human CD96, mFc-His tagged protein ([TP723951]) can bind Human CD155, hFc tagged protein (TP724018) in a linear range of 62.5-4000 ng/ml.