

Product datasheet for **TP727867**

Poliovirus Receptor (PVR) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human PVR (C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Trp21-Asn343
Tag:	C-mFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Poliovirus Receptor is produced by our Mammalian expression system and the target gene encoding Trp21-Asn343 is expressed with a mFc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	5817
UniProt ID:	P15151
Synonyms:	Poliovirus Receptor; Nectin-Like Protein 5; NECL-5; CD155; PVR; PVS
Summary:	Poliovirus Receptor (PVR) is a 70 kDa type I transmembrane single-span glycoprotein that belongs to the nectin-like (Nect) family and was originally identified based on its ability to mediate the cell attachment and entry of poliovirus (PV), an etiologic agent of the central nervous system disease poliomyelitis. PVR contains three Ig-like extracellular domains, a transmembrane segment, and a cytoplasmic tail. The normal cellular function of PVR maybe the involvement of intercellular adhesion between epithelial cells. Alternate splicing of the PVR mRNA yields four different isoforms ($\hat{1}\pm$, $\hat{1}^2$, $\hat{1}^3$, and $\hat{1}'$) with identical extracellular domains.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)



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