

## Product datasheet for TP327222M

### Poliovirus Receptor (PVR) (NM\_001135769) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens poliovirus receptor (PVR), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC227222 representing NM_001135769
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MARAMAAAWPLLLVALLVLSWPPPGTDVWVQAPTQVPGLGDSVTLPCYLQVPNMEVTHVSQLTWARHG  
ESGSMVAFHQQTQGPSYSESKRLEFVAARLGAELRNASLRMFLRVEDEGNYTCLFVTFPQGSRSVDIWLRL  
VLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPAQITWHSDLGGMPNTSQVPGFLSGTIVTSLWILVP  
SSQVDGKNVTCKVEHESFEKPQLLTVNLTVYYPPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNWS  
TTMGPLPPFAVAQGAQLLIRPVDKPIINTLICNVNTALGARQAELTVQVKGTEHASASANGHVSYSVAVSR  
ENSSSQDPQTEGTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_001129241</a></u>



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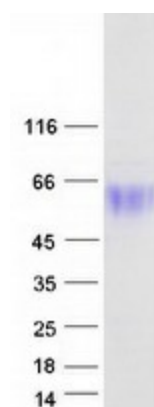
Locus ID: 5817  
UniProt ID: [P15151](#)  
Cytogenetics: 19q13.31  
RefSeq ORF: 1092  
Synonyms: CD155; HVED; Necl-5; NECL5; PVS; TAGE4

**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. [provided by RefSeq, Oct 2008]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Cell adhesion molecules (CAMs)

### Product images:



Coomassie blue staining of purified PVR protein (Cat# [TP327222]). The protein was produced from HEK293T cells transfected with PVR cDNA clone (Cat# [RC227222]) using MegaTran 2.0 (Cat# [TT210002]).