

Product datasheet for PH327222

Poliovirus Receptor (PVR) (NM_001135769) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PVR MS Standard C13 and N15-labeled recombinant protein (NP_001129241)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227222
Predicted MW:	39.1 kDa
Protein Sequence:	>RC227222 representing NM_001135769 Red=Cloning site Green=Tags(s)

MARAMAAAWPLLLVALLVLSWPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHG
ESGSMVAFHQQTQGPSYSESKRLEFVAARLGAELRNASLRMFLRVEDEGNYTCLFVTFPQGSRSVDIWLRL
VLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPAQITWHSDLGGMPNTSQVPGFLSGTVTVTSLWILVP
SSQVDGKNVTCKVEHESFEKPQLLTVNLTVYYPPPEVSIISGYDNNWYLGQNEATLTCDARSNPEPTGYNWS
TTMGPLPPFAVAQGAQLLIRPVDKPIINTLTCNVTNALGARQAEELTVQVKGTEHASASANGHVSYSVAVSR
ENSSSQDPQTEGTR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001129241</u>
RefSeq ORF:	1092
Synonyms:	CD155; HVED; Necl-5; NECL5; PVS; TAGE4
Locus ID:	5817
UniProt ID:	<u>P15151</u>



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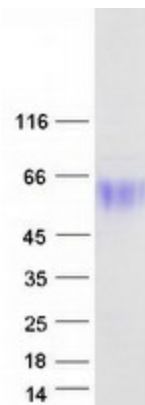
Cytogenetics: 19q13.31

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]).