

Recombinant Full Length Human PVR Protein, Untagged

Cat. No. PVR-618H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PVR protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-417 a.a.
Description	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.
Form	Lyophilized
Molecular Mass	28 kDa
AA Sequence	MARAMAAAWPLLLVALLVLSWPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPN MEVTHVSQLTWARHGESGSMVAFHQQTQGPSYSESKRLEFVAARLGAE LRNASLRM FGLRVEDEGN YTC L FVT F P Q G S R S V D I W L R V L A K P Q N T A E V Q K V Q L T G E P V P M A R C VSTGGRPPAQITWHSDLGGMPNTS QVPGFLSGT V T V T S L W I L V P S S Q V D G K N V T C K VEHESFEKPQLLTVNLT V Y Y P P E V S I S G Y D N N W Y L G Q N E A T L T C D A R S N P E P T G Y N WSTTMGPLPPFAVAQGAQLLIRPVDPKINTTLICNVTNALGARQAELTVQVKEGPPS

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EHSGISRNAIIFLVLGILVFLILLGIGIYFYWSKCSREVLWHCHLCPSSSTEHASASANGH
VSYSAVSRENSSSQDPQTEGTR

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name PVR poliovirus receptor [*Homo sapiens* (human)]

Official Symbol PVR

Synonyms PVR; poliovirus receptor; PVS; CD155; HVED; Necl 5; NECL5; nectin like 5; Tage4; nectin-like 5; nectin-like protein 5; TAGE4; Necl-5; FLJ25946;

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Gene ID	5817
mRNA Refseq	NM_001135768
Protein Refseq	NP_001129240
MIM	173850
UniProt ID	P15151

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