

Recombinant Human PVR Protein, His tagged

Cat. No. PVR-09H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human PVR (21-343 aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Species Human

Source Insect Cells

ProteinLength 21-343 aa

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 Liquid

AASequence

WPPPGTGDVVVQAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGESGS
 MAVFHQTQGPSYSESKRLEFVAARLGAELRNASLRMFGLRVEDEGNYTCLFVTFPQ
 GRSVDIWLRVLAKPQNTAEVQKVQLTGEPVPMARCVSTGGRPPAQITWHSDLGG
 MPNTSQVPGFLSGTVTVTSLWILVPSSQVDGKNVTCKVEHESFEKPQLLTVNLTVYY
 PPEVSISGYDNNWYLGQNEATLTCDARSNPEPTGYNWSTTMGPLPPFAVAQGAQL
 LIRPVDKPINTTLICNVTNALGARQAELTVQVKEGPPSEHSGMSRNLEHHHHHH

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Molecular Mass	36.1 kDa
Endotoxin	< 1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Concentration	1 mg/mL (determined by absorbance at 280nm)

GENE INFORMATION

Gene ID	5817
Gene Name	PVR poliovirus receptor [Homo sapiens (human)]
Official Symbol	5817
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;
mRNA Refseq	NM_006505
Official Symbol 2	PVR
Gene ID 2	5817
Gene Name 2	PVR poliovirus receptor [Homo sapiens (human)]

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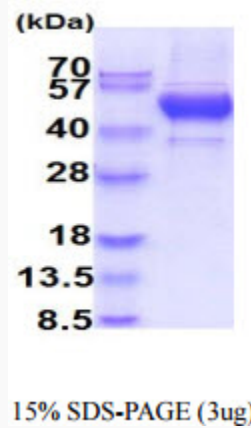
mRNA Refseq 2 NM_006505

Protein Refseq 2 NP_006496

MIM 2 173850

UniProt ID 2 P15151

SDS-PAGE



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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