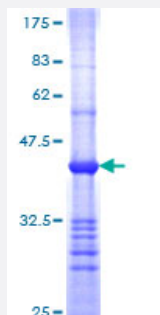


PVR (Human) Recombinant Protein (Q01)

Catalog # H00005817-Q01

Size 10 ug, 25 ug

Applications



Specification

Product Description	Human PVR partial ORF (NP_006496, 32 a.a. - 141 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QAPTQVPGFLGDSVTLPCYLQVPNMEVTHVSQLTWARHGESGSMVVFHQQTQGPSYSESKRLEF VAARLGAE LRNASLRMFGLRVEDEGNYTCLFVTFPQGSRSVDIWL RV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PVR

Entrez GeneID [5817](#)

GeneBank Accession# [NM_006505](#)

Protein Accession# [NP_006496](#)

Gene Name PVR

Gene Alias CD155, FLJ25946, HVED, NECL5, Necl-5, PVS, TAGE4

Gene Description poliovirus receptor

Omim ID [173850](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations nectin-like 5

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Motor Neuron Disease](#)
- [Muscular Atrophy](#)
- [Spinal muscular atrophy](#)