

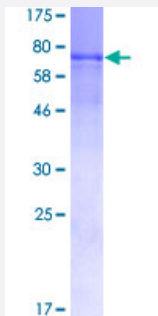
Full-Length

PVRL2 (Human) Recombinant Protein (P01)

Catalog # H00005819-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PVRL2 full-length ORF (AAH03091, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MARAAALLPSRSPPTPLLWPLLLLLFLETGAQDVRVQVLPEVRGQLGGTVELPCHLLPPVPGLYI
SLVTWQRPDAPANHQNVAAAFHPKMGPSFSPKPGSERLSFVSAKQSTGQDTEAELQDATLALH
GLTVEDEGNYTCEFATFPKGSVRGMTWLRVIKPKNQAEAKVTF SQDPTTVALCISKEGRPPAR
ISWLSSLDWEAKETQVSGTLAGTVTVTSRFTLVPSGRADGVTVTCKVEHESFEERALIPVTLVRY
PPEVSISGYDDNWYLGRTDNLSCDVRNPEPTGYDWSTTSGTFPTSAVAQGSQQLVIHAVDSL FN
TTFVCTVTNAVGMGRAEQVIFVRET PRASPRDVGPLVWGAVGGTLLVLLLLAGGSLAFILLRVRRR
RKSPGGAGGGASGDGGFYDPKAQVLGNGDPVFWTPVVPGPMEPDGKDEEEEEEEKAEKGL
MLPPPPALEDDMESQLDGSLISRRAYV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78.43

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 — PVRL2

Entrez GeneID[5819](#)**GeneBank Accession#**[BC003091](#)**Protein Accession#**[AAH03091](#)**Gene Name**

PVRL2

Gene Alias

CD112, HVEB, PRR2, PVRR2

Gene Description

poliovirus receptor-related 2 (herpesvirus entry mediator B)

Omim ID[600798](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

herpesvirus entry mediator B|herpesvirus entry protein B|nectin 2|poliovirus receptor related 2|poliovirus receptor-like 2

Pathway

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

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)