

Poliovirus Receptor Related Protein 2 Recombinant Protein | PVRL2 recombinant protein

Recombinant Poliovirus Receptor Related Protein 2 (PVRL2)

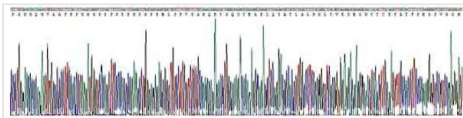
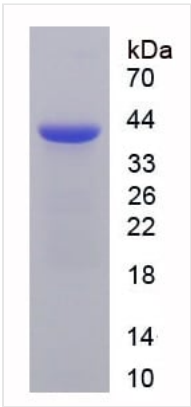
CATALOG # AAA144050	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Poliovirus Receptor Related Protein 2; Recombinant Poliovirus Receptor Related Protein 2 (PVRL2); PVRL2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PVRL2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Residues	Pro76~Ala353
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.9
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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      PANHQ NVAAFHPKMG PSFSPKPGS
ERLSFVSAKQ STGQDTEAEL QDATLALHGL TVEDEGNYTC EFATFPKGSV
RGMTHLRVIA KPKNQAEAQK VTFSQDPTTV ALCISKEGRP PARISHLSSL
DWEAKETQVS GTLAGTVTVT SRFTLVPSGR ADGVTVTCKV EHESFEPPAL
IPVTLSVRYP PEVSISGYDD NMYLGRIDAT LSCDVRSNPE PTGYDWSTTS
GTFPTSAAVQ GSQLVIHAVD SLFNTTFVCT VTNAVGMGRA EQVIFVRETP
NTA

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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4105702
NCBI GeneID	5819
Molecular Weight	Predicted Molecular Mass: 33.7kDa Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	poliovirus receptor related protein 2, partial
NCBI Official Synonym Full Names	poliovirus receptor-related 2 (herpesvirus entry mediator B)
NCBI Official Symbol	PVRL2
NCBI Official Synonym Symbols	HVEB; PRR2; CD112; PVRR2
NCBI Protein Information	nectin-2
UniProt Protein Name	Nectin-2
UniProt Gene Name	PVRL2
UniProt Synonym Gene Names	HVEB; PRR2; Herpesvirus entry mediator B; HveB
UniProt Entry Name	PVRL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.