

Poliovirus Receptor Related Protein 4 Protein | PVRL4 protein

Eukaryotic Poliovirus Receptor Related Protein 4 (PVRL4)

CATALOG # AAA150179	HOST 293F Cell	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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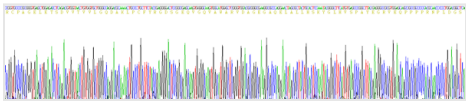
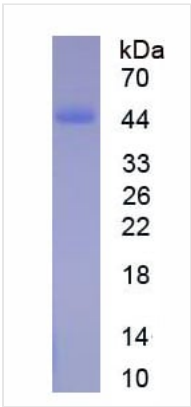
PRODUCT SYNONYMS

Poliovirus Receptor Related Protein 4; Eukaryotic Poliovirus Receptor Related Protein 4 (PVRL4); PRR4; LNIR; Nectin-4; Ig superfamily receptor LNIR; Processed poliovirus receptor-related protein 4; PVRL4 protein

PRODUCT SPECIFICATIONS

Host	293F Cell
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Applicable Applications for PVRL4 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Residues	Arg28~Ser349
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
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 0-0.5 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.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

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                                RCP AGELETSDVV TVVLGQDAKL
PCFYRCDSGE QVGQVAWARV DAGEGAQELA LLHSKYGLHV SPAYEGRVEQ
PPPPRNPLDG SVLLRNAVQA DEGEYECRVS TFPAGSFQAR LRLRLVVPPL
PSLNPGPALE EGQGLTLAAS CTAEGSPAPS VTWDTEVKGT TSSRSFKHSR
SAAVTSEFHL VPSRSMNGQP LTCVVSHPGL LQDQRITHIL HVSFLAEASV
RGLEDQNLWH IGREGAMKLC LSEGQPPPSY NWTRLDGPLP SGVRVDGDTL
GFPPLTTEHS GIYVCHVSNE FSSRDSQVTV DVLDPEQEDSG KQVDLSAS
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Sequence
Gene Sequencing

ADDITIONAL INFORMATION

Product Categories/Family for PVRL4 protein	Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222136611
NCBI GeneID	81607
NCBI Accession #	NP_112178.2
NCBI GenBank Nucleotide #	NP_112178.2
UniProt Accession #	Q96NY8
Molecular Weight	Predicted Molecular Mass: 36.2kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	nectin-4
NCBI Official Synonym Full Names	nectin cell adhesion molecule 4
NCBI Official Symbol	NECTIN4
NCBI Official Synonym Symbols	LNIR; PRR4; EDSS1; PVRL4; nectin-4
NCBI Protein Information	nectin-4
UniProt Protein Name	Poliovirus receptor-related protein 4
UniProt Gene Name	PVRL4
UniProt Synonym Gene Names	LNIR; PRR4
UniProt Entry Name	PVRL4_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.

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Online datasheet: <https://stage.aaabiotech.com/293f-cell-pvrl4-homo-sapiens-human-protein/poliiovirus-receptor-related-protein-4/150179>