

Nectin-4/PVRL4 Recombinant Protein | PVRL4 recombinant protein

Recombinant Human Nectin-4/PVRL4 Protein (C-6His)

CATALOG # AAA174025	HOST Human Cells
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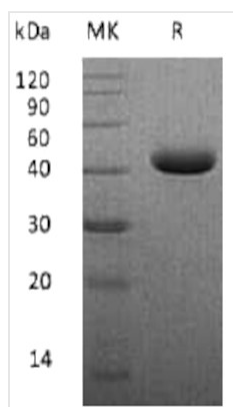
PRODUCT SYNONYMS

Nectin-4/PVRL4; Recombinant Human Nectin-4/PVRL4 Protein (C-6His); PVRL4; Nectin-4; Ig superfamily receptor LNIR; Poliovirus receptor-related protein 4; PRR4; LNIR; PVRL4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence Positions	Gly31-Val351
Sequence Length	510
Species	Human
Endotoxin	<1.0 EU per ug as determined by LAL test method.
Tag	C-6His
Biological Activity	Immunobulized Anti-Human Nectin-4 mAb-mFc at 2ug/mL (100 ul/well) can bind Human Nectin-4-His. The ED50 of Human Nectin-4-His is 16.29 ng/mL
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that the sterile water be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PVRL4 recombinant protein	Nectin-4 (PVRL4) is a type I transmembrane glycoprotein which belongs to the nectin family of Ig superfamily proteins. It contains two Ig-like C2-type domains and one Ig-like V-type domain. PVRL4 seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with nectin-1. It does not act as receptor for alpha-herpesvirus entry into cells. It is predominantly expressed in placenta, the embryo and breast carcinoma. But it is not detected in normal breast epithelium. The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222136611
NCBI GeneID	81607
NCBI Accession #	NP_112178.2
NCBI GenBank Nucleotide #	NM_030916.2
UniProt Accession #	Q96NY8; Q96K15; B4DQW3
Molecular Weight	Molecular Mass: 35.3 kDa Actual Protein Molecular Mass: 40-47 kDa
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	Nectin-4
UniProt Gene Name	NECTIN4
UniProt Synonym Gene Names	LNIR; PRR4; PVRL4

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.