

Product datasheet for TP303431M

PVRL4 (NECTIN4) (NM_030916) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human poliovirus receptor-related 4 (PVRL4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203431 protein sequence Red=Cloning site Green=Tags(s)

MPLSLGAEMWGPPEAWLLLLLLASFTGRCPAGELETSDVWTVLWGQDAKLPCFYRGDSGEQVGQVAWARV
DAGEGAQELALLHSKYGLHVSPAYEGRVEQPPPPRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQAR
LRLRVLVPPPLPSLNPGPALEEGQGLTLAASCTAEGSPAPSVTWDEVKGTSSRSFKHSRSAAVTSEFHL
VPSRSMNGQPLTCVSHPGLLQDQRITHLHVSLAEASVRGLEDQNLWHIGREGAMLKCLSEGQPPPSY
NWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHVSNEFSSRDSQVTVDVLDPQEDSGKQVDLVSASV
VVGVIAALLFCLLVVVVLMSTRYHRRKAQQMTQKYEELTLTRENIRRLHSHHTDPRSQPPEESVGLRA
EGHPDSLKDNSSCSVMSEEPGRSYSTLTTVREIETQTELLSPGSGRAEEEEEDQDEGIKQAMNHVQENG
TLRAKPTGNGIYINGRGHLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	55.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_112178](#)

Locus ID: 81607

UniProt ID: [Q96NY8](#), [K4PZ75](#)

RefSeq Size: 3520

Cytogenetics: 1q23.3

RefSeq ORF: 1530

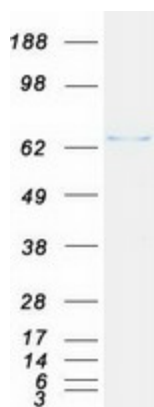
Synonyms: EDSS1; LNIR; nectin-4; PRR4; PVRL4

Summary: This gene encodes a member of the nectin family. The encoded protein contains two immunoglobulin-like (Ig-like) C2-type domains and one Ig-like V-type domain. It is involved in cell adhesion through trans-homophilic and -heterophilic interactions. It is a single-pass type I membrane protein. The soluble form is produced by proteolytic cleavage at the cell surface by the metalloproteinase ADAM17/TACE. The secreted form is found in both breast tumor cell lines and breast tumor patients. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder. Alternatively spliced transcript variants have been found but the full-length nature of the variant has not been determined. [provided by RefSeq, Jan 2011]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Adherens junction

Product images:



Coomassie blue staining of purified NECTIN4 protein (Cat# [TP303431]). The protein was produced from HEK293T cells transfected with NECTIN4 cDNA clone (Cat# [RC203431]) using MegaTran 2.0 (Cat# [TT210002]).