

Product datasheet for TP303431

PVRL4 (NECTIN4) (NM_030916) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human poliovirus receptor-related 4 (PVRL4), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC203431 protein sequence
Red=Cloning site **Green**=Tags(s)

MPLSLGAEMWGPFAWLLLLLLLLASFTGRCPAGELETSDVWTVLWGQDAKLPCFYRGDSGEQVGQVAWARV
DAGEGAQELALLHSKYGLHVSPAYEGRVEQPPPPRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQAR
LRLRVLPPLPSLNP GPAL E EGQGLT LAASCTAEGSPAPSVTWDETKGTTSSRSFKHSRSAAVTSEFHL
VPSRSMNGQPLTCVSHPGLLQDQRITHLVHVSFLAEASVRGLEDQNLWHIGREGAMLKCLSEGQPPPSY
NWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHVSNEFSSRDSQVTVLDVLPQEDSGKQVDLVSASV
VVGVIAALLFCLLVVVVLM SRYHRRKAQQMTQKYEEELTLTREN SIRR LSHHTDPRS QPEESVGLRA
EGHPDSLKDNSSCSVMSEEP EGRSYSTLT TVREIETQTELLSPGSGRAEEEEEDQDEGIKQAMNHVQENG
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

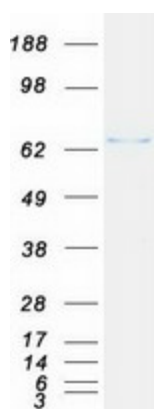
Synonyms: EDSS1; LNIR; nectin-4; PRR4; PVRL4

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]).