

Product datasheet for PH303431

PVRL4 (NECTIN4) (NM_030916) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PVRL4 MS Standard C13 and N15-labeled recombinant protein (NP_112178)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203431
Predicted MW:	55.5 kDa
Protein Sequence:	>RC203431 protein sequence Red=Cloning site Green=Tags(s)

MPLSLGAEMWGPEAWLLLLLLLLASFTGRCPAGELETSDVVTVVVLGQDAKLPCFYRGDSGEQVGVAVARV
DAGEGAQELALLHSKYGLHVSPAYEGRVEQPPPPRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQAR
LRLRVLPPLPSLNPGPAL EEGQGLTAA SCTAEGSPAPSVTWDETVKGTSSRSFKHSRAAVTSEFHL
VPSRSMNGQPLTCVVSHPGLLQDQRITHILHVSFLAEASVRGLEDQNLWHIGREGAMKCLSEGQPPPSY
NWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHVSNEFSSRDSQVTVDVLDPQEDSGKQVDLVSASV
VVVGVIAALLFCLLVVVVVLMSRYHRRKAQOMTQKYEEELTLTRENSIRRLHSHHTDPRSQPEESVGLRA
EGHPDSLKDNSSCSVMSEEPGRSYSTLTTVREIETQTELLSPGSGRAEEEEEDQDEGIKQAMNHFVQENG
TLRAKPTGNGIYINGRHLV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_112178</u>
RefSeq Size:	3520
RefSeq ORF:	1530



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

Locus ID: 81607

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

Cytogenetics: 1q23.3

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]).