

Recombinant Human PVRL4 Protein, His-tagged

Cat. No. PVRL4-1204H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PVRL4 Protein (Arg28-Ser349) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Arg28-Ser349
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.2 kDa; Accurate Molecular Mass: 44 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	PVRL4 poliovirus receptor-related 4 [Homo sapiens (human)]
Official Symbol	PVRL4
Synonyms	PVRL4; poliovirus receptor-related 4; poliovirus receptor-related protein 4; LNIR; nectin 4; PRR4; Ig superfamily receptor LNIR; EDSS1; nectin-4; DKFZp686K05193;
Gene ID	81607
mRNA Refseq	NM_030916
Protein Refseq	NP_112178
MIM	609607

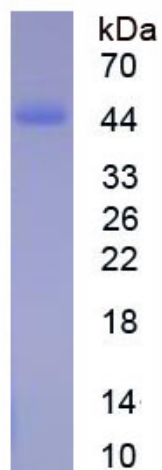
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