

Product datasheet

Recombinant Human PVRL1/NECTIN1 protein (Tagged) ab271397

3 Images

Description

Product name	Recombinant Human PVRL1/NECTIN1 protein (Tagged)		
Purity	>= 81 % SDS-PAGE.		
Expression system	HEK 293 cells		
Accession	<u>Q15223</u>		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	QVVQVNDSMY GFIGTDVVLH CSFANPLPSV KITQVTWQKS TNGSKQNVAI YNPSMGVSVL APYRERVEFL RPSFTDGTIR LSRLELEDEG VYICEFATFP TGNRESQLNL TVMAKPTNWI EGTQAVLRAK KGQDDKVLVA TCTSANGKPP SVVSWETRLK GEAEYQEIRN PNGTVTVISR YRLVPSREAH QQSLACIVNY HMDRFKESLT LNVQYEPEVT IEGFDGNWYL QRMDVKLTCK ADANPPATEY HWTTLNGLSP KGVEAQNRTL FFKGPINYSL AGTYICEATN PIGTRSGQVE VNITEFPYTP SPPEHGRRAG PVPTA		
Predicted molecular weight	65 kDa including tags		
Molecular weight information	Runs at higher than predicted MW on SDS-PAGE due to glycosylation.		
Amino acids	31 to 355		
Tags	Avi tag C-Terminus , Fc tag C-Terminus		
Additional sequence information	Avi-Tag fused to C-terminal of the Fc portion of Human IgG1. Genbank: NM_002855		

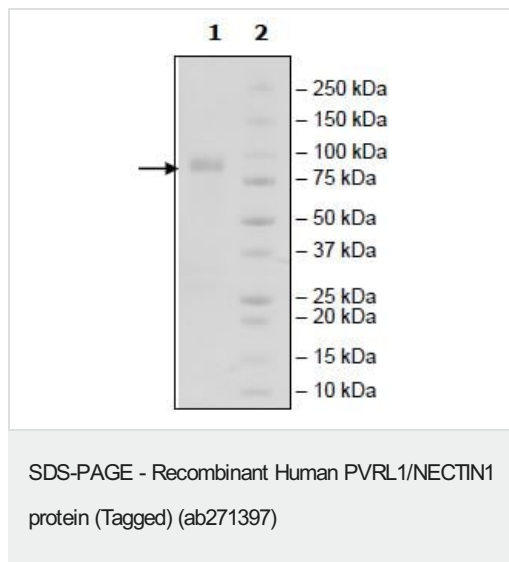
Specifications

Our **Abpromise guarantee** covers the use of **ab271397** in the following tested applications.

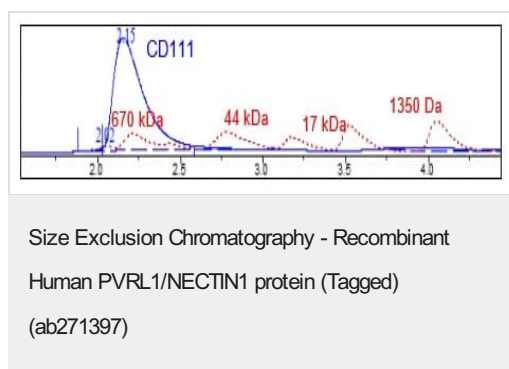
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Size Exclusion Chromatography

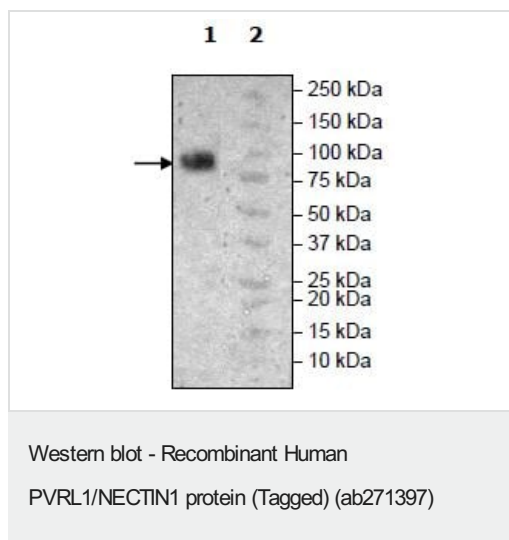
	SDS-PAGE
	Western blot
Form	Liquid
Preparation and Storage	
Stability and Storage	<p>Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 7.4</p> <p>Constituents: 2.32% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine), 0.13% Sodium phosphate</p>
General Info	
Function	Promotes cell-cell contacts by forming homophilic or heterophilic trans-dimers. Heterophilic interactions have been detected between PVRL1/nectin-1 and PVRL3/nectin-3 and between PVRL1/nectin-1 and PVRL4/nectin-4.
Involvement in disease	<p>Defects in PVRL1 are the cause of ectodermal dysplasia Margarita Island type (EDMI) [MIM:225060]; also known as Zlotogora-Ogur syndrome, cleft lip/palate-ectodermal dysplasia syndrome (CLPED1) or ectodermal dysplasia 4. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. EDMI is an autosomal recessive syndrome characterized by the association of cleft lip/palate, ectodermal dysplasia (sparse short and dry scalp hair, sparse eyebrows and eyelashes), and partial syndactyly of the fingers and/or toes. Two thirds of the patients do not manifest oral cleft but present with abnormal teeth and nails.</p> <p>Defects in PVRL1 are the cause of non-syndromic orofacial cleft type 7 (OFC7) [MIM:225060]. Non-syndromic orofacial cleft is a common birth defect consisting of cleft lips with or without cleft palate. Cleft lips are associated with cleft palate in two-third of cases. A cleft lip can occur on one or both sides and range in severity from a simple notch in the upper lip to a complete opening in the lip extending into the floor of the nostril and involving the upper gum.</p>
Sequence similarities	<p>Belongs to the nectin family.</p> <p>Contains 2 Ig-like C2-type (immunoglobulin-like) domains.</p> <p>Contains 1 Ig-like V-type (immunoglobulin-like) domain.</p>
Cellular localization	Secreted and Cell membrane.
Images	



SDS-PAGE analysis of ab271397.



SEC analysis of ab271397.



All lanes :

Lane 1 : Recombinant Human PVRL1/NECTIN1 protein (Tagged) (ab271397)

Lane 2 : MW markers

Predicted band size: 57 kDa

Western blot analysis of ab271397.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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