Datasheet for ABIN2713371

PVRL1 Protein (Transcript Variant 1)

1 Image

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Overview

Quantity:	10 µg
Target:	PVRL1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human CD111 / Nectin 1 (transcript variant 1) protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

Target:	PVRL1
Alternative Name:	Cd111,nectin 1 (PVRL1 Products)
Background:	This gene encodes an adhesion protein that plays a role in the organization of adherens junctions and tight junctions in epithelial and endothelial cells. The protein is a calcium(2+)-independent cell-cell adhesion molecule that belongs to the immunoglobulin superfamily and

Target Details

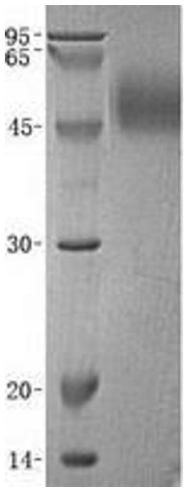
	has 3 extracellular immunoglobulin-like loops, a single transmembrane domain (in some isoforms), and a cytoplasmic region. This protein acts as a receptor for glycoprotein D (gD) of herpes simplex viruses 1 and 2 (HSV-1, HSV-2), and pseudorabies virus (PRV) and mediates viral entry into epithelial and neuronal cells. Mutations in this gene cause cleft lip and palate/ectodermal dysplasia 1 syndrome (CLPED1) as well as non-syndromic cleft lip with or without cleft palate (CL/P). Alternative splicing results in multiple transcript variants encoding proteins with distinct C-termini.
Molecular Weight:	35.0 kDa
NCBI Accession:	NP_002846
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Restrictions:	For Research Use only

Handling

Buffer:	Lyophilized from a 0.2 μM filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 7.2. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot