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Datasheet for ABIN6964194

PVRL4 Protein (AA 32-349) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	PVRL4
Protein Characteristics:	AA 32-349
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human NECTIN-4 protein with C-terminal 6xHis tag
Specificity:	NECTIN-4 (Gly32-Ser349) 6xHis Tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PVRL4
Alternative Name:	Nectin-4 (PVRL4 Products)
Background:	This gene encodes a member of the nectin family. The encoded protein contains two

Target Details

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]

Molecular Weight: predicted molecular mass of 34.9 kDa after removal of the signal peptide.The apparent molecular mass of NECTIN-4-His is 35-55 kDa due to glycosylation.

UniProt: [Q96NY8](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

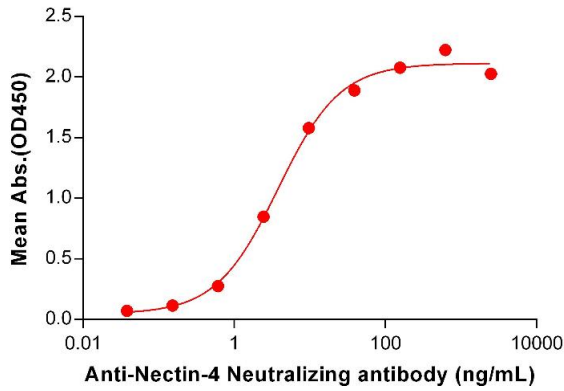
Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months

Human NECTIN-4, His Tagged protein ELISA

0.2 µg of Human NECTIN-4, His tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human NECTIN-4 Protein, His Tag (ABIN6964194, ABIN7042647 and ABIN7042648) can bind Anti-Nectin-4 Neutralizing antibody ABIN7477991 and ABIN7490922 in a linear range of 0.61-39.06 ng/mL.

SDS-PAGE

Image 2. Human NECTIN-4 Protein, His Tag on SDS-PAGE under reducing condition.