

Datasheet for ABIN5510701
PVRL4 ELISA Kit

1 Image

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Overview

Quantity:	96 tests
Target:	PVRL4
Binding Specificity:	AA 32-349
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Nectin-4
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: G32-S349
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma. .

Target Details

Target:	PVRL4
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Target Details

Alternative Name: NECTIN4 ([PVRL4 Products](#))

Background: Protein Function: Seems to be involved in cell adhesion through trans- homophilic and - heterophilic interactions, the latter including specifically interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.

Background: Nectin-4, also known as PVRL4, is an adhesion receptor of the immunoglobulin superfamily and functions in cell-cell adhesion. This gene is mapped to chromosome 1q23.3. 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.

Synonyms: Nectin-4,Ig superfamily receptor LNIR,Nectin cell adhesion molecule 4 ,Poliovirus receptor-related protein 4,Processed poliovirus receptor-related protein 4,NECTIN4 ,LNIR, PRR4, PVRL4,

Full Gene Name: Nectin-4

Cellular Localisation: Cell membrane, Single-pass type I membrane protein . Cell junction, adherens junction . Colocalizes with MLLT4 at cadherin-based adherens junctions (PubMed:11544254).

UniProt: [Q96NY8](#)

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

Application Details

Plate: Pre-coated

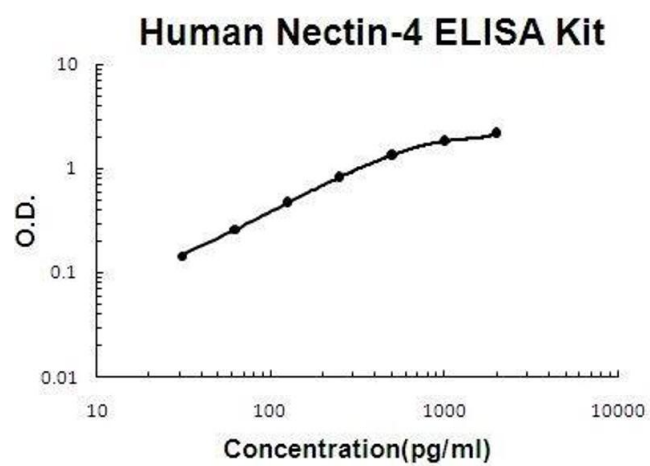
Restrictions: For Research Use only

Handling

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)

Expiry Date: 12 months



ELISA

Image 1. Human Nectin-4 PicoKine ELISA Kit standard curve