

Nectin-4
Catalog # PVGS1702**Specification**

Nectin-4 - Product Information

Primary Accession [Q96NY8](#)
Species
Human

Sequence
Gly32-Ser349

Purity
> 95% as determined by Bis-Tris PAGE
> 95% as determined by HPLC

Endotoxin Level
Less than 1EU per µg by the LAL method.

Biological Activity
Immobilized Nectin-4 hFc Chimera, Human (Cat.No.: Z03824) at 5 µg/ml (100 µl/Well) can bind Human Nectin-1, His Tag.

Expression System
HEK293

Theoretical Molecular Weight
61.1 kDa

Formulation **Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.**

Reconstitution
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Storage & Stability
Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Nectin-4 - Additional Information

Gene ID 81607

Other Names
Nectin-4, Ig superfamily receptor LNIR, Nectin cell adhesion molecule 4 {ECO:0000312|HGNC:HGNC:19688}, Poliovirus receptor-related protein 4, Processed poliovirus receptor-related protein 4, NECTIN4 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=19688), LNIR, PRR4, PVRL4

Target Background

Nectin-4 is a tumor-associated antigen. It is probably involved in cell adhesion through trans-homophilic and -heterophilic interactions. Nectin-4 is overexpressed in urothelial carcinoma and several other malignancies. It is a promising target for antibody-drug conjugates (ADCs).

Nectin-4 - Protein Information

Name NECTIN4 ([HGNC:19688](#))

Synonyms LNIR, PRR4, PVRL4

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.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction.
Note=Colocalizes with AFDN at cadherin- based adherens junctions (PubMed:11544254)

Tissue Location

Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

Nectin-4 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Nectin-4 - Images