

# Nectin-4

Catalog # PVGS1701

## Product Information

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<b>Primary Accession Species</b>	<a href="#">Q96NY8</a> Human
<b>Sequence</b>	Gly32-Val351
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Endotoxin Level</b>	Less than 1EU per $\mu$ g by the LAL method.
<b>Biological Activity</b>	Immobilized Nectin-4, His & Avi, Human (Cat.No.: Z03823) at 0.5 $\mu$ g/ml (100 $\mu$ l/Well) can bind Anti-Nectin-4 Antibody.
<b>Expression System</b>	HEK293
<b>Theoretical Molecular Weight</b>	37.2 kDa
<b>Formulation Reconstitution</b>	Lyophilized from a 0.22 $\mu$ m filtered solution in PBS, pH 7.4. Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu$ g/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage &amp; Stability</b>	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.

## Additional Information

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<b>Gene ID</b>	81607
<b>Other Names</b>	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 ( <a href="#">HGNC:19688</a> ), LNIR, PRR4, PVRL4
<b>Target Background</b>	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).

## Protein Information

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<b>Name</b>	NECTIN4 ( <a href="#">HGNC:19688</a> )
<b>Synonyms</b>	LNIR, PRR4, PVRL4
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein. Cell junction, adherens junction. Note=Colocalizes with AFDN at cadherin- based adherens junctions (PubMed:11544254)
<b>Tissue Location</b>	Predominantly expressed in placenta. Not detected in normal breast epithelium but expressed in breast carcinoma

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.