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Nectin-4

Catalog # PVGS1703

Product Information

Primary Accession	Q96NY8
Species	Human
Sequence	Gly32-Val351
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[Biotin], His & Avi, Human (Cat.No.: Z03825) at 0.5 μg/ml (100 μl/Well) can bind Anti-Nectin-4 Antibody.
Expression System	HEK293
Theoretical Molecular Weight	37.2 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.

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 (HGNC: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).

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

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