

## Datasheet for ABIN7318809 **nectin-3 Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	nectin-3 (NECTIN3)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This nectin-3 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Nectin-3/PVRL3 Protein (His Tag)
Sequence:	Gly58-Cys366
Characteristics:	Recombinant Human Poliovirus Receptor-Related Protein 3 is produced by our Mammalian expression system and the target gene encoding Gly58-Cys366 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	nectin-3 (NECTIN3)
Alternative Name:	Nectin-3/PVRL3 ( <a href="#">NECTIN3 Products</a> )
Background:	Background: Nectin-3 is a type I transmembrane glycoprotein that belongs to the nectin family. Its precursor is 549 amino acids in length and contains an extended signal sequence of 57

## Target Details

amino acids, an extracellular domain (ECD) of 347 amino acids, a transmembrane segment of 21 amino acids, and a cytoplasmic region of 124 amino acids. It is predominantly expressed in testis and placenta as well as in various cell lines, including epithelial cell lines. Nectin-3 plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/Nectin-2 at Sertoli-spermatid junctions. Nectin-3 is also involved in the formation of cell-cell junctions, including adherens junctions and synapses.

Synonym: Poliovirus Receptor-Related Protein 3, CDw113, Nectin-3, CD113, PVRL3, PRR3,PVRR3

Molecular Weight: 35.0 kDa

UniProt: [Q9NQS3](#)

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

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 5 % Trehalose, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.