

Datasheet for ABIN4949137

**nectin-3 Protein (AA 58-400) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	nectin-3 (NECTIN3)
Protein Characteristics:	AA 58-400
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This nectin-3 protein is labelled with His tag.
Application:	Functional Studies (Func)

## Product Details

Sequence:	AA 58-400
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 39.6 kDa. The protein migrates as 60-75 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	nectin-3 (NECTIN3)
Alternative Name:	Nectin-3 ( <a href="#">NECTIN3 Products</a> )

## Target Details

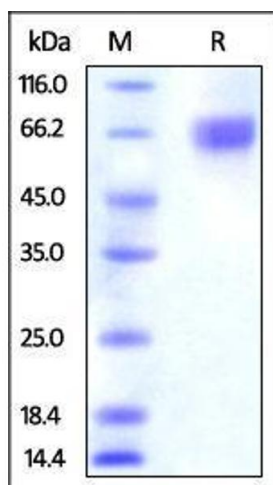
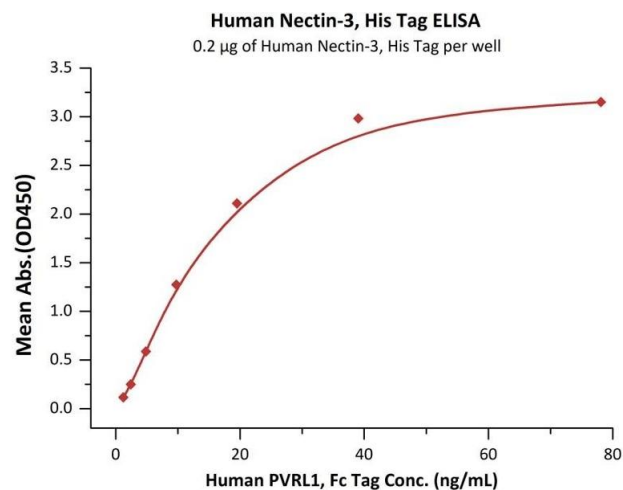
Background:	Poliovirus receptor-related 3 (PVRL3), also known as nectin-3 and CD113, is a human protein of the immunoglobulin superfamily which forms part of adherens junctions. Nectins are immunoglobulin-like adhesion molecules that interact with afadin (AF6, MIM 159559). Afadin is an actin filament-binding protein that connects nectins to the actin cytoskeleton. The nectin-afadin system organizes adherens junctions cooperatively with the cadherin system in epithelial cells. PVRL3 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. Furthermore, PVRL3 induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation.
Molecular Weight:	39.6 kDa
UniProt:	<a href="#">Q9NQS3</a>
Pathways:	<a href="#">Cell-Cell Junction Organization</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C



## ELISA

**Image 1.** Immobilized Human Nectin-3, His Tag (ABIN4949136,ABIN4949137) at 2 µg/mL (100 µL/well) can bind Human PVRL1, Fc Tag with a linear range of 2-20 ng/mL (QC tested).

## SDS-PAGE

**Image 2.** Human Nectin-3, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.