

Datasheet for ABIN7275317

**PVRL2 Protein (AA 32-351) (His tag)****4** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PVRL2
Protein Characteristics:	AA 32-351
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL2 protein is labelled with His tag.

## Product Details

Purpose:	Mouse Nectin-2/CD112 Protein
Sequence:	Gln32-Gly351
Characteristics:	Recombinant Mouse Nectin-2/CD112 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln32-Gly351.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Mouse PVRIG, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse Nectin-2, His Tag with the EC50 of 0.65ug/ml determined by ELISA. The affinity constant of 0.355 µM as determined in SPR assay (Biacore T200). See testing image for detail.

## Target Details

Target:	PVRL2
Alternative Name:	Nectin-2 ( <a href="#">PVRL2 Products</a> )
Background:	Nectin-2 is an adhesion molecule that has been reported to play a role in tumor growth, metastasis and tumor angiogenesis. Nectin-2 expression in ovarian cancer may support tumor cell adhesion, leading to growth and lymph node metastasis. Effect of VEGF on Nectin-2 expression as well as permeability was investigated in HUVEC.
Molecular Weight:	35.7 kDa. Due to glycosylation, the protein migrates to 45-50 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P32507</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cell-Cell Junction Organization</a>

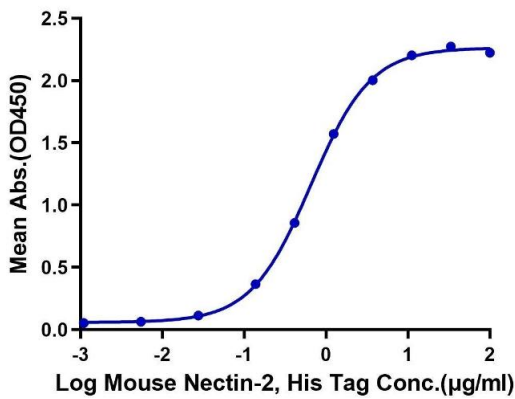
## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

**Mouse Nectin-2, His Tag ELISA**  
0.2µg Mouse PVRIG, hFc Tag Per Well

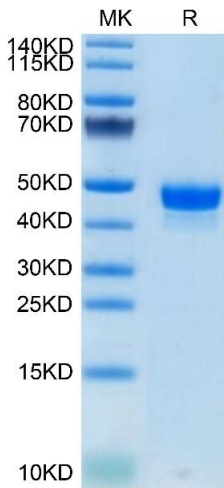
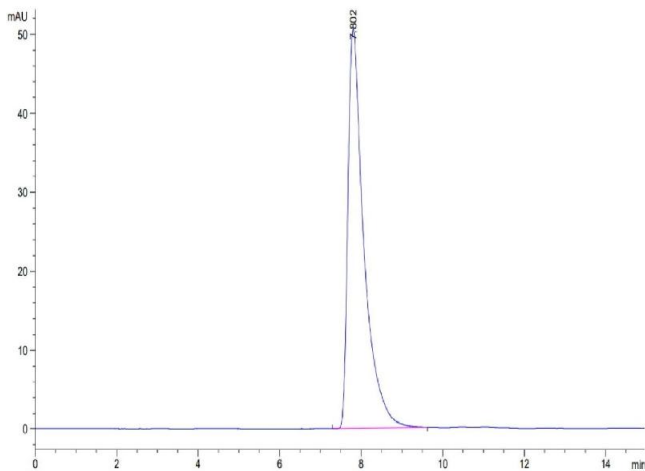


**ELISA**

**Image 1.** Immobilized Mouse PVRIG, hFc Tag at 2 µg/mL (100 µL/well) on the plate. Dose response curve for Mouse Nectin-2, His Tag with the EC50 of 0.65 µg/mL determined by ELISA.

**Size-exclusion chromatography-High Pressure Liquid Chromatography**

**Image 2.** The purity of Mouse Nectin-2 is greater than 95 % as determined by SEC-HPLC.



**SDS-PAGE**

**Image 3.** Mouse Nectin-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7275317.