

Datasheet for ABIN7275305

PVRL2 Protein (AA 32-360) (Fc Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PVRL2
Protein Characteristics:	AA 32-360
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL2 protein is labelled with Fc Tag.

Product Details

Purpose:	Human Nectin-2/CD112 Protein
Sequence:	Gln32-Leu360
Characteristics:	Recombinant Human Nectin-2/CD112 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln32-Leu360.
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 Human PVRIG, mFc Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human Nectin-2, hFc Tag with the EC50 of 16.9ng/ml determined by ELISA. See testing image for detail.

Target Details

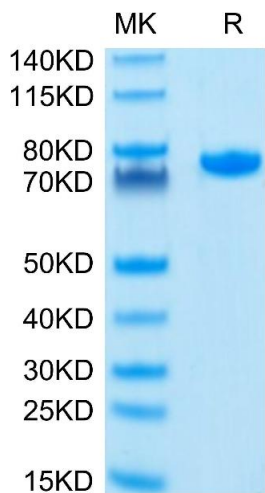
Target:	PVRL2
Alternative Name:	Nectin-2 (PVRL2 Products)
Background:	Nectin-2 is an adhesion molecule that has been reported to play a role in tumor growth, metastasis and tumor angiogenesis. Nectin-2 expression in ovarian cancer may support tumor cell adhesion, leading to growth and lymph node metastasis. Effect of VEGF on Nectin-2 expression as well as permeability was investigated in HUVEC.
Molecular Weight:	62.3 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Tris-Bis PAGE result.
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization

Application Details

Restrictions:	For Research Use only
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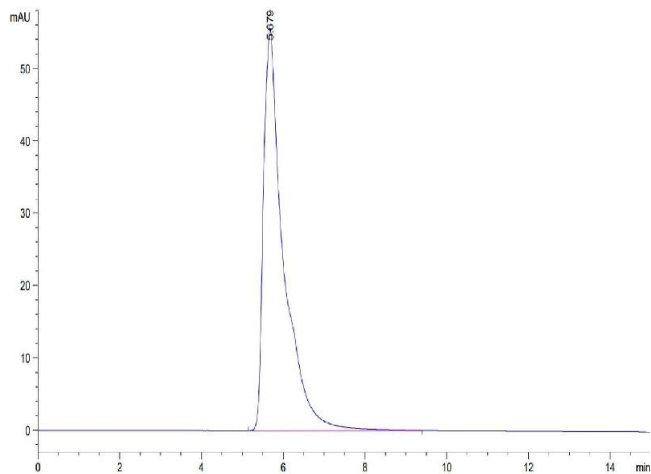
Handling

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



SDS-PAGE

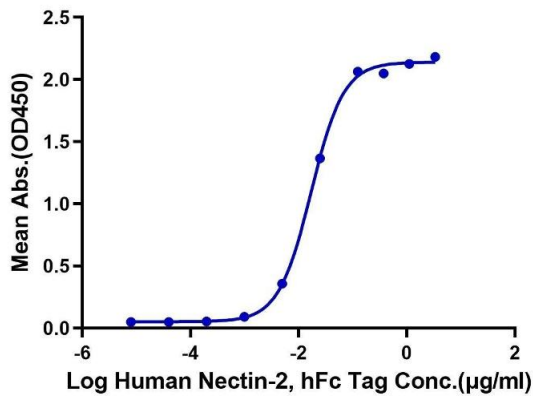
Image 1. Human Nectin-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

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

Human Nectin-2, hFc Tag ELISA
0.1µg Human PVRIG, mFc Tag Per Well



ELISA

Image 3. Immobilized Human PVRIG, mFc Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human Nectin-2, hFc Tag with the EC50 of 16.9 ng/mL determined by ELISA.