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Datasheet for ABIN7504477
PVRL2 Protein (AA 32-360)

Overview

Quantity:	100 µg
Target:	PVRL2
Protein Characteristics:	AA 32-360
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Human Nectin-2/CD112 Protein
Sequence:	Gln32-Leu360
Characteristics:	Recombinant Human Nectin-2/CD112 Protein is expressed from HEK293 without tag.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.

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,

Target Details

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: 35.54 kDa. Due to glycosylation, the protein migrates to 45-55 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

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 0.22 µm 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