

Datasheet for ABIN7275304
PVRL4 Protein (His tag)

3 Images

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Overview

Quantity:	100 µg
Target:	PVRL4
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL4 protein is labelled with His tag.

Product Details

Sequence:	Gly32-Val351
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 Cynomolgus Nectin-4, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-Nectin-4 Antibody, hFc Tag with the EC50 of 5.9ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	PVRL4
Alternative Name:	Nectin-4 (PVRL4 Products)
Background:	EDSS1, LNIR, Nectin4, PRR4, NECTIN4, PVRL4,Nectin-4 seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically

Target Details

interactions with NECTIN1. Does not act as receptor for alpha-herpesvirus entry into cells.(Microbial infection) Acts as a receptor for measles virus.

Molecular Weight: 35.9 kDa. Due to glycosylation, the protein migrates to 38-48 kDa based on Tris-Bis PAGE result.

NCBI Accession: [XP_005541277](#)

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

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5 % trehalose is added as protectant before lyophilization.

Storage: 4 °C, -80 °C

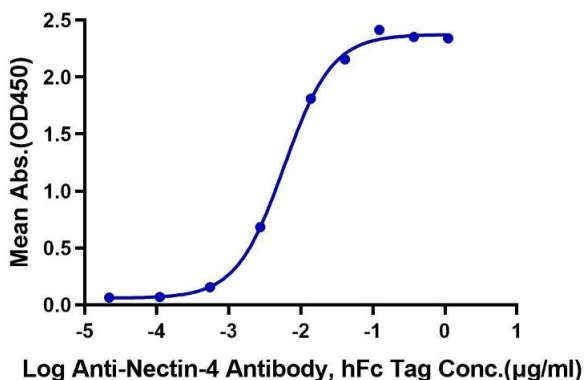
Storage Comment: Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Images

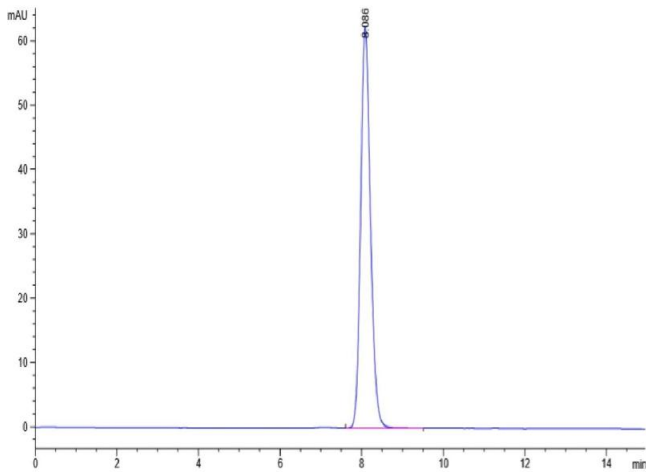
Cynomolgus Nectin-4, His Tag ELISA

0.05µg Cynomolgus Nectin-4, His Tag Per Well



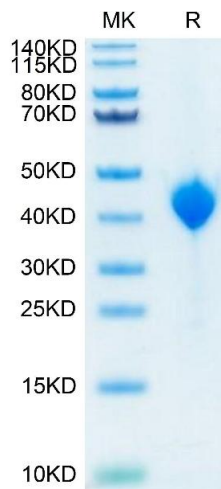
ELISA

Image 1. Immobilized Cynomolgus Nectin-4, His Tag at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-Nectin-4 Antibody, hFc Tag with the EC50 of 5.9 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Cynomolgus Nectin-4 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 3. Cynomolgus Nectin-4 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .