

Datasheet for ABIN4949133

PVRL2 Protein (AA 32-360) (His 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
Biological Activity:	Active
Purification tag / Conjugate:	This PVRL2 protein is labelled with His tag.
Application:	Functional Studies (Func)

Product Details

Sequence:	AA 32-360
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 37.4 kDa. The protein migrates as 45-50 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

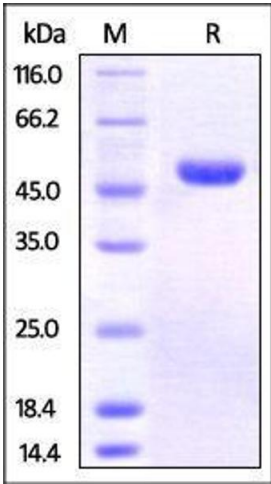
Target:	PVRL2
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Target Details

Alternative Name:	Nectin-2 (PVRL2 Products)
Background:	Poliovirus receptor-related 2 (PVRL2) is also known as nectin-2 and CD112 (formerly herpesvirus entry mediator B, HVEB), which is a human plasma membrane glycoprotein. PVRL2 is one of the plasma membrane components of adherens junctions. PVRL2 also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and it is involved in cell to cell spreading of these viruses. Variations in PVRL2 gene have been associated with differences in the severity of multiple sclerosis. Also, PVRL2 binds with low affinity to TIGIT. Furthermore, PVRL2 acts as a receptor for herpes simplex virus 1 (HHV-1) mutant Rid1, herpes simplex virus 1 (HHV-2) and pseudorabies virus (PRV).
Molecular Weight:	37.4 kDa
NCBI Accession:	NP_002847
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization

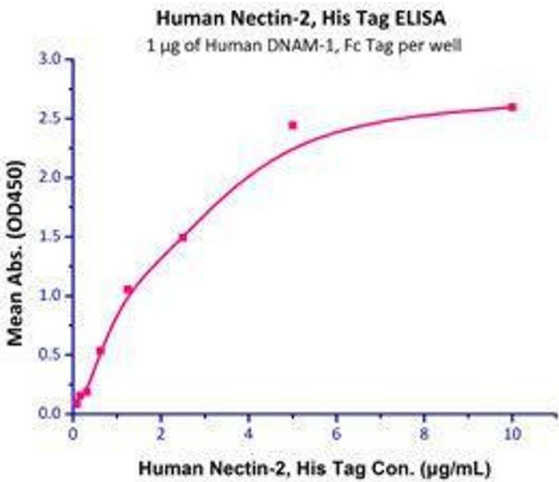
Application Details

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



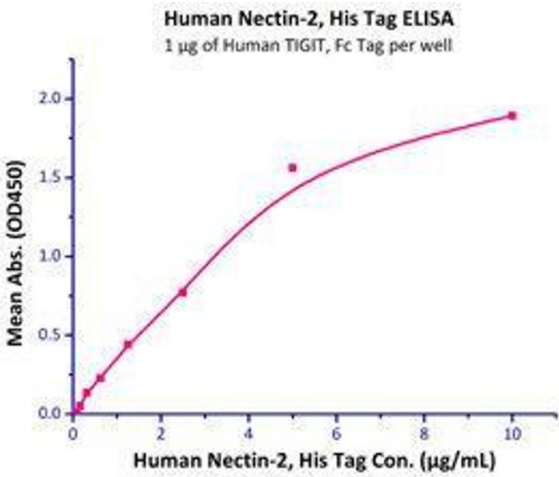
SDS-PAGE

Image 1. Human Nectin-2, 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%.



Binding Studies

Image 2. Immobilized Human DNAM-1, Fc Tag (Cat# DN1-H5257) at 10 µg/mL (100 µl/well), can bind Human Nectin-2, His Tag (Cat# PV2-H52E2) with a linear range of 0.08-1.25 µg/mL.



Binding Studies

Image 3. Immobilized Human TIGIT, Fc Tag (Cat# TIT-H5254) at 10 µg/mL (100 µl/well), can bind Human Nectin-2, His Tag (Cat# PV2-H52E2) with a linear range of 0.16-5 µg/mL.