

Datasheet for ABIN7319914

PVRL2 Protein (Biotin,His-Avi Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PVRL2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PVRL2 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Recombinant Human PVRL2/Nectin-2/CD112 (C-6His-Avi) Biotinylated
Sequence:	Gln32-Leu360
Characteristics:	Biotinylated Recombinant Human Poliovirus Receptor-Related Protein 2 is produced by our Mammalian expression system and the target gene encoding Gln32-Leu360 is expressed with a Avi, 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human PVRIG-mFc(Cat#C08Y) at 10µg/ml (100 µl/well) can bind Biotinylated Human Nectin-2-His-Avi(Cat#CY73). The ED50 of Biotinylated Human Nectin-2-His-Avi(Cat#CY73) is 0.42 ug/ml.

Target Details

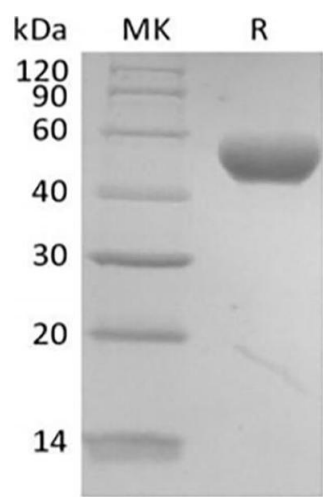
Target:	PVRL2
Alternative Name:	CD112 (PVRL2 Products)
Background:	<p>Background: CD112 is a type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. It comprises one Ig-like V-type domain and two Ig-like C2-type domains in the extracellular region. The V domain is believed to mediate nectin binding to its ligands. Nectin2 is known to bind the pseudorabies virus, and herpes simplex virus2 (HSV2), involving in cell to cell spreading of these viruses. It does not bind poliovirus. As a homophilic adhesion molecule, CD112 is found concentrated in adherens junctions, and exists on neurons, endothelial cells, epithelial cells and fibroblasts. CD112 has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 mediates cytotoxicity and cytokine secretion by T and NK cells. The costimulatory responses may be a critical component in allergic reactions and may therefore become targets for anti-allergic therapy.</p> <p>Synonym: Poliovirus Receptor-Related Protein 2, Herpes Virus Entry Mediator B, Herpesvirus Entry Mediator B, HveB, Nectin-2, CD112, PVRL2, HVEB, PRR2</p>
Molecular Weight:	38.4 kDa
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization

Application Details

Comment:	45-60 kDa
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>



Western Blotting

Image 1.