

Datasheet for ABIN7320318
PVRL2 Protein (His tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	PVRL2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PVRL2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse CD112/Nectin-2 Protein (His Tag)(Active)
Sequence:	Met 1-Gly 351
Characteristics:	A DNA sequence encoding the mouse PVRL2 (NP_033016.3) extracellular domain (Met 1-Gly 351) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 98 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA.1. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse DNAM1-His with a linear range of 0.156-5.0 µg/ml.2. Immobilized mouse CD112-His at 10 µg/ml (100 µl/well) can bind mouse DNAM1-Fc with a linear range of 0.03-1.0 µg/ml.

Target Details

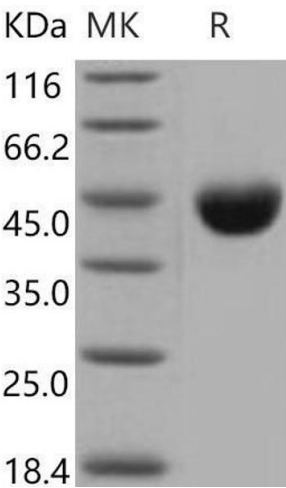
Target:	PVRL2
Alternative Name:	CD112/Nectin-2 (PVRL2 Products)
Background:	<p>Background: Cluster of Differentiation 112 (CD112), also known as poliovirus receptor related protein 2 (PVRL2 or PRR2), is a single-pass type I transmembrane glycoprotein belonging to the Immunoglobulin superfamily. CD112 protein also serves as an entry for certain mutant strains of herpes simplex virus and pseudorabies virus, and thus is involved in cell to cell spreading of these viruses. CD112 protein has been identified as the ligand for DNAM-1 (CD226), and the interaction of CD226/CD112 protein can induce NK cell- and CD8+ T cell-mediated cytotoxicity and cytokine secretion. CD112 has been regarded as a critical component in allergic reactions, and accordingly may function as a novel target for anti-allergic therapy.</p> <p>Synonym: AI325026 Protein, AI987993 Protein, Cd112 Protein, MPH Protein, nectin-2 Protein, Pvr Protein, Pvs Protein</p>
Molecular Weight:	36 kDa
NCBI Accession:	NP_033016
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:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 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.