

Datasheet for ABIN7505714
PVRL2 Protein (AA 1-360) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PVRL2
Protein Characteristics:	AA 1-360
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRL2 protein is labelled with His tag.

Product Details

Sequence:	Met1-Leu360
Characteristics:	A DNA sequence encoding the Human NECTIN 2 protein (Q92692) (Met1-Leu360) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	PVRL2
Alternative Name:	NECTIN 2 (PVRL2 Products)
Background:	Abbreviation: NECTIN 2 Target Synonym: Poliovirus Receptor-Related Protein 2, Herpes Virus Entry Mediator B, Herpesvirus Entry Mediator B, HveB, Nectin-2, CD112, PVRL2, HVEB, PRR2 Background: CD112 is a type I transmembrane glycoprotein belonging to the Immunoglobulin

Target Details

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.

Molecular Weight: Calculated MW: 39.49 kDa
Observed MW: 50 kDa

UniProt: [Q92692](#)

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: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. 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.

Expiry Date: 12 months