



[Go to Product page](#)

Datasheet for ABIN7319926

## Nectin-2 Protein (NECTIN2) (Fc Tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	Nectin-2 (NECTIN2)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nectin-2 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant Human PVRL2/Nectin-2/CD112 (C-mIgG2a Fc)
Sequence:	Gln32-Leu360
Characteristics:	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 mIgG2a Fc 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.

#### Target Details

Target:	Nectin-2 (NECTIN2)
Alternative Name:	PVRL2/Nectin-2/CD112 ( <a href="#">NECTIN2 Products</a> )
Background:	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

## Target Details

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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.

Synonym: Poliovirus Receptor-Related Protein 2, Herpes Virus Entry Mediator B, Herpesvirus Entry Mediator B, HveB, Nectin-2, CD112, PVRL2, HVEB, PRR2

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Molecular Weight: 62.6 kDa

## Application Details

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Restrictions: For Research Use only

## Handling

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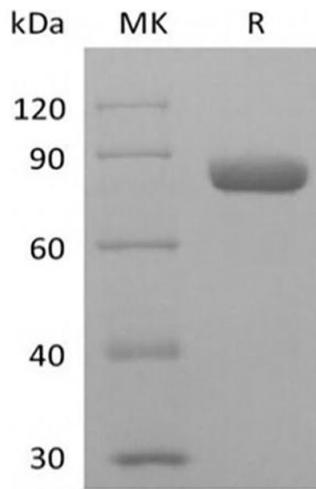
Format: Lyophilized

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: 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.



### Western Blotting

Image 1.