

## Product Information

### MemDX™ Antibody Discovery - Human Nectin-2 / CD112 (32-360) Membrane Protein, Partial, -His tag

Cat. No.: **MP0695F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human Nectin-2 / CD112 (32-360). It has been tested in SDS-PAGE, ELISA, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### Product Specifications

##### Host Species

Human

##### Target Protein

Nectin-2 / CD112

##### Protein Length

ECD

##### Molecular Weight

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.

##### Sequence

AA Gln 32 - Leu 360 (Accession # Q92692-2).

#### Product Description

##### Activity

Yes

##### Application

SDS-PAGE, ELISA, BLI

##### Expression Systems

HEK293

##### Tag

His tag at the C-terminus

##### Protein Format

Soluble

##### Form

LYOPH

### Reconstitution

Please see Certificate of Analysis for specific instructions.

### Endotoxin

<1.0 EU/μg by the LAL method

### Purity

>95% as determined by SDS-PAGE.

### Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

### Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

## Target

### Target Protein

Nectin-2 / CD112

### Full Name

nectin cell adhesion molecule 2

### Introduction

This gene encodes a single-pass type I membrane glycoprotein with two Ig-like C2-type domains and an Ig-like V-type domain. This protein is one of the plasma membrane components of adherens junctions. It 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 this gene have been associated with differences in the severity of multiple sclerosis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

### Alternative Names

HVEB; PRR2; CD112; PVRL2; PVRR2; nectin-2; herpesvirus entry protein B; poliovirus receptor-like 2; poliovirus receptor-related 2 (herpesvirus entry mediator B)

### Gene ID

[5819](#)

### UniProt ID

[Q92692](#)