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Product Information

MemDX™ Antibody Discovery - Human Nectin-2 / CD112 (32-360) Membrane Protein, Partial, -mIgG2a Fc tag

Cat. No.: **MP0692F**
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 62.4 kDa. The protein migrates as 65-80 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
Mouse IgG2a Fc 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 Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.
Please avoid repeated freeze-thaw cycles.

This product is stable after storage at

-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

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