

Product Information

MemDX™ Membrane Protein Human MAG (Myelin associated glycoprotein) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (20-516aa)

Cat. No.: **MPX4327K**

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

This product is a 56.7kDa Human MAG membrane protein expressed in Yeast. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

MAG

Protein Length

Partial (20-516aa)

Protein Class

Cell adhesion

Molecular Weight

56.7kDa

TMD

1

Sequence

GHWGAWMPSSISAFEGTCVSIPCRDFDPDELRPVVHGVWYFNSPYPKNYPPVVFKSRTQVVHESFQGRSRLGDLGLRNCTLL

Product Description

Expression Systems

Yeast

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

MAG

Full Name

Myelin associated glycoprotein

Introduction

The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Alternative Names

GMA; S-MAG; SPG75; SIGLEC4A; SIGLEC-4A; myelin-associated glycoprotein; sialic acid binding Ig-like lectin 4A; sialic acid-binding immunoglobulin-like lectin 4A

Gene ID

[4099](#)

UniProt ID

[P20916](#)