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Product Information

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

Cat. No.: **MPX4250K**
This product is for research use only and is not intended for diagnostic use.

This product is a 70.7kDa Human MAG membrane protein expressed in *E.coli*. 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
70.7kDa

TMD
1

Sequence
GHWGAWMPSSISAFEGTCVSIPCRFDFPDELRPAVVHGVWYFNSPYPKNYPPVVFKSRTQVVHESFQGRSRLLGDLGLRNCTLL

Product Description

Expression Systems
E.coli

Tag
6xHis and SUMO 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

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