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Product Information

MemDX™ Antibody Discovery - Human MAG / Siglec-4a (20-516) Membrane Protein, Partial, -His tag

Cat. No.: **MP0644F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human MAG / Siglec-4a (20-516). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
MAG / Siglec-4a

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 56.6 kDa. The protein migrates as 65-95 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Gly 20 - Pro 516 (Accession # P20916-1).

Product Description

Application
SDS-PAGE

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 with Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

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 coditions after reconstitution after storage at -80°C.

Target

Target Protein

MAG / Siglec-4a

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