

Product Information

MemDX™ Membrane Protein Human MOG (Myelin oligodendrocyte glycoprotein) for Antibody Discovery

Cat. No.: **MP0560J**

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

This product is a 15.31 kDa Human MOG membrane protein expressed in HEK293. 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

MOG

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

15.31 kDa

TMD

2

Sequence

GQFRVIGPRHPIRALVGDEVELPCRISPGKNATGMEVGWYRPPFSRVVHLYRNGKDQDGDQAPEYRGRTELLKDAIGEGKVTLRIF

Product Description

Expression Systems

HEK293

Tag

C-His

Form

Powder

Endotoxin

< 1 EU/µg

Purity

>95% as determined by SDS-PAGE and Coomassie blue staining

Buffer

Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

MOG

Full Name

Myelin oligodendrocyte glycoprotein

Introduction

The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified.

Alternative Names

BTN6; BTNL11; MOGIG2; NRCLP7; MOG AluA; MOG AluB; MOG Ig-AluB; MOG alpha-5

Gene ID

[4340](#)

UniProt ID

[Q16653](#)