

Product Information

MemDX™ Membrane Protein Human ASGR1 (Asialoglycoprotein receptor 1) Expressed in *E.coli* with 6xHis tag at the N-terminus for Antibody Discovery, Partial (68-291aa)

Cat. No.: **MPX4237K**

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

This product is a 29.7kDa Human ASGR1 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

ASGR1

Protein Length

Partial (68-291aa)

Protein Class

Receptor

Molecular Weight

29.7kDa

TMD

1

Sequence

EELRGLRETFSNFTASTEAVKGLSTQGGNVGRKMKSLESQLEKQKDLSEDHSSLLLHVKQFVSDLRSLSCQMAALQGNGSERT

Product Description

Expression Systems

E.coli

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**

ASGR1

Full Name

Asialoglycoprotein receptor 1

Introduction

This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the more abundant major subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

ASGR1; HL-1; ASGPR; ASGPR1; CLEC4H1; C-type lectin domain family 4 member H1; hepatic lectin H1; Asialoglycoprotein receptor 1

Gene ID

[432](#)

UniProt ID

[P07306](#)