

Product Information

MemDX™ Membrane Protein Human GAL3ST4 (Galactose-3-O-sulfotransferase 4) for Antibody Discovery

Cat. No.: **MP0399J**

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

This product is a 54 kDa Human GAL3ST4 membrane protein expressed in HEK293T. 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

GAL3ST4

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

54 kDa

TMD

1

Sequence

MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGGPFQRRRLPGLQLRQPSAPSLRPALPSCPPRQRLV
FLKTHKSGSSSVLSLLHRYGDQHGLRFALPARYQFGYPKLFQASRVKGYRPQGGGTQLPFHILCHHMRFN
LKEVLQVMPSDSFFFFSIVRDPAAALARSFYSYYKSTSSAFRKSPSLAAFLANPRGFYRPGARGDHYARNLL
WFD FGLPFPPEKRAKRGNIHPPRDPNPPQLQVLP SGAGPRAQTLNPNALIHVPSTVTDHRSQISSPASFD
LGSSSFIQWGLAWLDSVFDLVMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGHKQGLSTVSNSGLTA
EDRQLTARARAWNNDWALYVHFNRSLWARIEKYGGRLQTAVAE LRARREALAKHCLVGGEASDPKYIT
DRRFRPFQFGSAKVLGYILRSGLS PQDQEECERLATPELQYKDKLDVKQFPPTVSLPLKTSRPLSP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target**Target Protein**

GAL3ST4

Full Name

Galactose-3-O-sulfotransferase 4

Introduction

This gene encodes a member of the galactose-3-O-sulfotransferase protein family. The product of this gene catalyzes sulfonation by transferring a sulfate to the C-3' position of galactose residues in O-linked glycoproteins. This enzyme is highly specific for core 1 structures, with asialofetuin, Gal-beta-1,3-GalNAc and Gal-beta-1,3 (GlcNAc-beta-1,6)GalNAc being good substrates.

Alternative Names

GAL3ST-4; beta-galactose-3-O-sulfotransferase 4; gal-beta-1,3-GalNAc 3'-sulfotransferase

Gene ID

[79690](#)

UniProt ID

[Q96RP7](#)