

Product Information

MemDX™ Membrane Protein Human GAL3ST4 (Galactose-3-O-sulfotransferase 4) Full

Length

Cat. No.: **MPC4538K**

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

This product is a made-to-order Human GAL3ST4 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

GAL3ST4

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MGPLSPARTLRLWGPRSLGVALGVFMTIGFALQLLGPPFQRRLPGLQLRQ
PSAPSLRPALPSCPPRQRLVFLKTHKSGSSSVLSLLHRYGDQHGLRFALP
ARYQFGYPKLFQASRVKGYRPQGGGTQLPFHILCHHMRFNLKEVLQVMPS
DSFFFSIVRDPAAALARSASFYYKSTSSAFRKSPSLAAFLANPRGFYRPGA
RGDHYARNLLWFDGLFPFPEKRAKRGNIHPPRDPNPPQLQVLPSGAGPR
AQTLPNALIHPVSTVTDHRSQISSPASFDLGSSSFIQWGLAWLDSVFDL
VMVAEYFDESLVLLADALCWGLDDVVGFMHNAQAGHKQGLSTVSNGLTA
EDRQLTARARAWNNDWALYVHFNRSLWARIEKYQGRLQTAVAE LRARR
EALAKHCLVGGEASDPKYITDRRFRPFQFGSAKVLGYILRSGLS PQDQEE
CERLATPELQYKDKLDAKQFPPTVSLPLKTSRPLSP

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

GAL3ST4; GAL3ST-4; beta-galactose-3-O-sulfotransferase 4; gal-beta-1,3-GalNAc 3'-sulfotransferase; Galactose-3-O-sulfotransferase 4

Gene ID

[79690](#)

UniProt ID

[Q96RP7](#)