

Product Information

MemDX™ Membrane Protein Human GALNT2 (Polypeptide N-acetylgalactosaminyltransferase 2) Full Length

Cat. No.: **MPC3962K**

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

This product is a made-to-order Human GALNT2 membrane protein expressed in *Komagataella pastoris*. 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

GALNT2

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MRRRSRMLLCFAFLWVLGIAYMYSGGGSALAGGAGGGAGRKEDWNEIDP
IKKKDLHHSNGEEKAQSMETLPPGKVRWPDFNQEAYVGGTMVRSGQDPYA
RNKFNQVESDKLRMDRAIPDTRHDQCQRKQWRVDLPATSVVITFHNEARS
ALLRTVVSVLKKSPPHLIKEIILVDDYSNDPEDGALLGKIEKVRVLRNDR
REGLMRSRVRGADAAQAKVLTFLDSHCECNEHWLEPLLERVAEDRTRVVS
PIIDVINMDNFQYVGASADLKGGFDWNLVFKWDYMTPEQRRSRQGNPVAP
IKTPMIAGGLFVMDKFYFEELGKYDMMMDVWGGENLEISFRVWQCGGSLE
IIPCSRVGHVFRKQHPYTFPGGSGTVFARNTRRAAEVWMDEYKNFYAAV
PSARNVPYGNIQSRLELRKKLSCKPFKWYLENVYPELRVPDHDIAFGAL
QQGTNCLDTLGHFADGVVGVYECHNAGGNQEWALTKEKSVKHMDLCLTVV
DRAPGSLIKLQGCRENDSRQKWEQIEGNSKLRHVGSNLCLDSRTAKSGGL
SVEVCGPALSQQWKFTLNLQQ

Product Description

Expression Systems

Komagataella pastoris

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

GALNT2

Full Name

Polypeptide N-acetylgalactosaminyltransferase 2

Introduction

This gene encodes a member of the glycosyltransferase 2 protein family. Members of this family initiate mucin-type O-glycosylation of peptides in the Golgi apparatus. The encoded protein may be involved in O-linked glycosylation of the immunoglobulin A1 hinge region. This gene may influence triglyceride levels, and may be involved Type 2 diabetes, as well as several types of cancer. Alternative splicing results in multiple transcript variants.

Alternative Names

GALNT2; CDG2T; GalNAc-T2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2); polypeptide GalNAc transferase 2; pp-GaNTase 2; Polypeptide N-acetylgalactosaminyltransferase 2

Gene ID

[2590](#)

UniProt ID

[Q10471](#)