

Product Information

MemDX™ Membrane Protein Human GALNT14 (Polypeptide N-acetylgalactosaminyltransferase 14) Full Length

Cat. No.: **MPC3789K**

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

This product is a made-to-order Human GALNT14 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

GALNT14

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MRRLTRRLVLPVFGVLWITVLLFFWVTKRKLEVPTGPEVQTPKPSDADWD
DLWDQFDERRYLNAAKKWRVGDDPYKLYAFNQRESERISSNRAIPDTRHLR
CTLLVYCTDLPTSIIITFHNEARSTLLRTIRSVLNRTPTHLIREILVD
DFSNDPDDCKQLIKLPKVKCLRNNERQGLVRSRIRGADIAQGTTLTFLDS
HCEVNRDWLQPLLHRVKEDYTRVVCVIDIINLDTFTYIESASELRGGFD
WSLHFQWEQLSPEQKARRLDPTTEPIRTPIIAGGLFVIDKAWFDYLGKYDM
DMDIWGGENFEISFRVWMCSSSLEIVPCSRVGHVFRKKHPYVFPDGNANT
YIKNTKRRTAEVWMDEYKQYYYAARPFALERPFGNVESRLDLRKNLRCQSF
KWYLENIPELSIPKESSIQKGNIRQRQKCLSQRRNNQETPNLKLSPCA
KVKGEDAKSQVWAFYTYTQQILQEELCLSVITLFPGAPVVLVLCKNGDDRQ
QWTKTGSHIEHIAHLCLDTDMFGDGTENGKEIVVNPCESSLMSQHWDMMV
SS

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**

GALNT14

Full Name

Polypeptide N-acetylgalactosaminyltransferase 14

Introduction

This gene encodes a Golgi protein which is a member of the polypeptide N-acetylgalactosaminyltransferase (ppGalNAc-Ts) protein family. These enzymes catalyze the transfer of N-acetyl-D-galactosamine (GalNAc) to the hydroxyl groups on serines and threonines in target peptides. The encoded protein has been shown to transfer GalNAc to large proteins like mucins. Alterations in this gene may play a role in cancer progression and response to chemotherapy.

Alternative Names

GALNT14; GALNT15; GalNAc-T10; GalNAc-T14; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 14; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase T10; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14 (GalNAc-T14); polypeptide GalNAc transferase 14; polypeptide N-acetylgalactosaminyltransferase 15; pp-GaNTase 14; protein-UDP acetylgalactosaminyltransferase 14; Polypeptide N-acetylgalactosaminyltransferase 14

Gene ID

[79623](#)

UniProt ID

[Q96FL9](#)