

Product Information

MemDX™ Membrane Protein Human GALNT10 (Polypeptide N-acetylgalactosaminyltransferase 10) Full Length

Cat. No.: **MPC4486K**

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

This product is a made-to-order Human GALNT10 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

GALNT10

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MRRKEKRLQLAVALVLAALVLLPNVGLWALYRERQPDGTPGGSGAAVAPA
AGQGSHSRQKKTFFLGDGQKLKDWHDKEAIRRDAQRVGNGEQGRPYPMTD
AERVDQAYRENGFNIVSDKISLNRSLPDIRHPNCNSKRYLETLPNTSII
IPFHNEGWSLLRTVHSLVLRSPPELVAEIVLVDDFSDREHLKKPLEDYM
ALFPSVRILRTKKREGLIRTRMLGASVATGDVITFLDSHCEANVNWLPPL
LDRIARNRKTIVCPMIDVIDHDDFRYETQAGDAMRGAFDWEMYKRIPI
PELQKADPSDPFESPVMAGGLFAVDRKWFWEELGGYDPGLEIWGGGEQYEIS
FKVWMCGRMEDIPCSRVGHIYRKYVPYKVPAGVSLARNLKRVAEVMWDE
YAEYIYQRRPEYRHLASGDVAVQKKLRSSLNCKSFKWFMTKIAWDLPKFY
PPVEPPAAAWGEIRNVGTGLCADTKHGALGSPLRLEGCVRGRGEAAWNNM
QVFTFTWREDIRPGDPQHTKKKCFDAISHTSPVTLYDCHSMKGNQLWKYR
KDKTLYHPVSGSCMDCSESDHRIFMNTCNPSSLTQQWLFHTNSTVLEKF
NRN

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**

GALNT10

Full Name

Polypeptide N-acetylgalactosaminyltransferase 10

Introduction

This gene encodes a member of the GalNAc polypeptide N-acetylgalactosaminyltransferases. These enzymes catalyze the first step in the synthesis of mucin-type oligosaccharides. These proteins transfer GalNAc from UDP-GalNAc to either serine or threonine residues of polypeptide acceptors. The protein encoded by this locus may have increased catalytic activity toward glycosylated peptides compared to activity toward non-glycosylated peptides.

Alternative Names

GALNT10; GALNACT10; PPGALNACT10; PPGANTASE10; GalNAc transferase 10; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 10; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10); Polypeptide N-acetylgalactosaminyltransferase 10

Gene ID

[55568](#)

UniProt ID

[Q86SR1](#)