

Product Information

MemDX™ Membrane Protein Human GALNT13 (Polypeptide N-acetylgalactosaminyltransferase 13) Full Length

Cat. No.: **MPC4481K**

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

This product is a made-to-order Human GALNT13 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

GALNT13

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MRRFVYCKVVLATSLMWVLVDVFLLLYFSECNKCDDKKERSLLPALRAVI
SRNQEGPGEMGKAVLIPKDDQEKMKELFKINQFNLMAFDLALNRSLPDV
RLEGCKTKVYPDELPNTSVVVFHNEAWSTLLRTVYSVINRSPHYLLSEV
ILVDDASERDFLKLTLNLYVKNLEVPVKIIRMEERSGLIRARLRGAAASK
GQVITFLDAHCECTLGWLEPLLARIKEDRKTVCPIIDVISDDTFEYMAG
SDMTYGGFNWKLNFRWYPVPQREMDRRKGDRTLTPVRTPTMAGGLFSIDRN
YFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGHVFRKATP
YTFPGGTGHVINKNNRRLAEVWMDEFKDFFYIISPGVVKVDYGDVSVRKT
LRENLKCKPFSWYLENIYPDSQIPRRYSLGEIRNVETNQCLDNMGRKEN
EKVGIFNCHGMGGNQVFSYTADKEIRTDCLDVSRLNGPVIMLKCHHMR
GNQLWEYDAERLTRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLR
NMTLGT

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

GALNT13

Full Name

Polypeptide N-acetylgalactosaminyltransferase 13

Introduction

The GALNT13 protein is a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAcT; EC 2.4.1.41) family, which initiate O-linked glycosylation of mucins (see MUC3A, MIM 158371) by the initial transfer of N-acetylgalactosamine (GalNAc) with an alpha-linkage to a serine or threonine residue.

Alternative Names

GALNT13; GalNAc-T13; GalNAc transferase 13; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 13; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13 (GalNAc-T13); polypeptide GalNAc transferase 13; polypeptide N-acetylgalactosaminyltransferase 13 variant delta39bpEx9; polypeptide N-acetylgalactosaminyltransferase 13 variant deltaEx2-7; polypeptide N-acetylgalactosaminyltransferase 13 variant deltaEx6 delta39bpEx9; polypeptide N-acetylgalactosaminyltransferase 13 variant deltaEx6 deltaEx8 delta39bpEx9; polypeptide N-acetylgalactosaminyltransferase 13 variant deltaEx8; polypeptide N-acetylgalactosaminyltransferase 13 variant deltaEx9; pp-GaNTase 13; protein-UDP acetylgalactosaminyltransferase 13; Polypeptide N-acetylgalactosaminyltransferase 13

Gene ID

[114805](#)

UniProt ID

[Q8IUC8](#)