

Product Information

MemDX™ Membrane Protein Human GALNT3 (Polypeptide N-acetylgalactosaminyltransferase 3) Full Length

Cat. No.: **MPC2113K**

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

This product is a 72.6 kDa Human GALNT3 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

GALNT3

Protein Length

Full length

Protein Class

Transferase

Molecular Weight

72.6 kDa

TMD

1

Sequence

MAHLKRLVKLHIKRHYHKKFWKLGAVIFFFIIVLVLMQREVSQYSKEES
RMERNMKNKNKMLDLMLEAVNNIKDAMPKMQIGAPVRQNIDAGERPCLQG
YYTAAELKPVLDRPPQDSNAPGASGKAFKTTNLSVEEQKEKERGEAKHCF
NAFASDRISLHRDLGPDTRPPECIEQKFKRCPPLPTTSVIIVFHNEAWST
LLRTVHSVLYSSPAILLKEILVDDASVDEYLHDKLDEYVKQFSIVKIVR
QRERKGLITARLLGATVATAETLTFLDAHCECFYGWLEPLLARIAENYTA
VVSPDIASIDLNTFEFNKPSPYGSNHNRGNFDWLSFGWESLPDHEKQRR
KDETYPIKTPTFAGGLFSISKEYFEYIGSYDEEMEIWGGENIEMSFRVWQ
CGGQLEIMPCSVVGHVFRSKSPHSFPGTQVIARNQVRLAEVWMDEYKEI
FYRRNTDAKIVKQKAFGDLKRFEIKHRLQCKNFTWYLNNIYPEVYVPD
LNPVISGYIKSVGQPLCLDVGENNQGGKPLIMYTCHGLGGNQYFEYSAQH
EIRHNIQKELCLHAAQGLVQLKACTYKGHKTVVTGEQIWEIQKDQLLYNP
FLKMCLSANGEHPSLVSCNPSPDPLQKWILSQND

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

GALNT3

Full Name

Polypeptide N-acetylgalactosaminyltransferase 3

Introduction

This gene encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities.

Alternative Names

GALNT3; HHS; HFTC; HFTC1; GalNAc-T3; GalNAc transferase 3; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 3; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 (GalNAc-T3); polypeptide GalNAc transferase 3; polypeptide GalNAc-transferase T3; pp-GaNTase 3; protein-UDP acetylgalactosaminyltransferase 3; Polypeptide N-acetylgalactosaminyltransferase 3

Gene ID

[2591](#)

UniProt ID

[Q14435](#)