

Product Information

MemDX™ Membrane Protein Human GALNT13 (Polypeptide N-acetylgalactosaminyltransferase 13) for Antibody Discovery

Cat. No.: **MP0346J**

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

This product is a 63.9 kDa Human GALNT13 membrane protein expressed in HEK293T. 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

Transmembrane

Molecular Weight

63.9 kDa

TMD

1

Sequence

MRRFVYCKVVLATSLMWVLVDVFLLLYFSECNKCDKKERSLLPALRAVISRNQEGPGEMGKAVLIPKDD
QEKMKELFKINQFNLMAFDLIALNRSLPDVRLEGCKTKVYPDELPNTSVVIVFHNEAWSTLLRTVYSVIN
RSPHYLLSEVILVDDASERDFLKLTLNENYVKNLEVPVKIIRMEERSGLIRARLRGAAASKGQVITFLDAH
CECTLGWLEPLLARIKEDRKTVCPIIDVISDDTFEYMAGSDMTYGGFNWKLNFRWYPVPQREMDRRKGD
RTLPRVPTMAGGLFSIDRNYFEEIGTYDAGMDIWGGENLEMSFRIWQCGGSLEIVTCSHVGHVFRKATP
YTFPGGTGHVINKNNRRLAEVWMDEFKDFYIISPGVVKVVDYGDVSVRKTLENLCKPFSWYLENIYPD
SQIPRRYYSLEIRNVETNQCLDNMGRKENEKVGIFNCHGMGGNQVFSYTADKEIRTDLCLDVSRLNGP
VIMLKCHHMRGNQLWEYDAERLTLRHVNSNQCLDEPSEEDKMVPTMQDCSGSRSQQWLLRNMTLGT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

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; pp-GaNTase 13; protein-UDP acetylgalactosaminyltransferase 13

Gene ID

[114805](#)

UniProt ID

[Q8IUC8](#)