

Product Information

MemDX™ Membrane Protein Human GALNT5 (Polypeptide N-acetylgalactosaminyltransferase 5) Full Length

Cat. No.: **MPC4485K**

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

This product is a made-to-order Human GALNT5 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

GALNT5

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MNRIRKFFRGSGRVLAIFVASVIWLLFDMAALRLSFSEINTRVIKEDIV
RRERIGFRVQPDQGKIFYSSIKEMKPPLRGHGKGAWGKENVRKTEESVLK
VEVDLDQTQRERKMQNALGRGKVPLWHPAHLQTLPTPNKQKTDGRGTK
PEASSHQGTPKQTTAAGAPKTSFIAAKGTQVVKISVHMGRVSLKQEPRKS
HSPSSDTSKLAAERDLNVTISLSTDRPKQRSQAVANERHPASTAVPKSG
EAMALNKTKTQSKEVNANKHKANTSLPFPKFTVNSNRLRKQSINETPLGS
LSKDDGARGAHGKKLNFSESHLVIITKEEEQKADPKEVSNSKTKTIFPKV
LGKSQSKHISRNRSEMSSSSLAPHRVPLSQTNHALTGGLEPAKINITAKA
PSTEYNQSHIKALLPEDSGTHQVLRIDVTLSPRDPKAPGQFGRPVVPHG
KEKEAERRWKEGNFNVYLSLIPVDRAIEDTRPAGCAEQLVHNNLPPTTSV
IMCFVDEVWSTLLRSVHVINRSPPHLIKEILLVDDFSTKDYLKDNLDKY
MSQFPKVRILRLKERHGLIRARLAGAQNATGDVLTFLDSHVECNVGWLEP
LLERVYLSRKKVACPVIEVINDKDMSYMTVDNFQRGIFVWPMNFGWRTIP
PDVIAKNRIKETDTIRCPVMAGGLFSIDKSYFFELGTYPDGLDVWGGENM
ELSFKVWMCGEIEIIPCSRVGHIFRNDNPYSFPKDRMKTVERNLRVAE
VWLDEYKELFYGHGDHLIDQGLDVGNLTQQRELRRKKLKCKSFKWYLENVF
PDLRAPIVRASGVLINVALGKCISIENTTVILED CDGSKELQQFNFTWLR
LIKCGEWCIAPIDKGAVRLHPCDNRNKGKWLHKSTSVFHPPELVNHIVF
ENNQQLLCLEGNFSQKILKVAACDPVKPYQKWKFKEYEA

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

GALNT5

Full Name

Polypeptide N-acetylgalactosaminyltransferase 5

Introduction

The protein encoded by this gene is a membrane-bound polypeptide N-acetylgalactosaminyltransferase that is found in the Golgi. The encoded protein catalyzes the first step in the mucin-type O-glycosylation of Golgi proteins, transferring an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.

Alternative Names

GALNT5; GALNACT5; GALNAC-T5; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 5; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalNAc-T5); polypeptide GalNAc transferase 5; pp-GaNTase 5; protein-UDP acetylgalactosaminyltransferase 5; Polypeptide N-acetylgalactosaminyltransferase 5

Gene ID

[11227](#)

UniProt ID

[Q7Z7M9](#)