

Product Information

MemDX™ Membrane Protein Human B3GNT4 (UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4) Full Length

Cat. No.: **MPC2776K**

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

This product is a made-to-order Human B3GNT4 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

B3GNT4

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MLPPQPSAAHQGRGGRSGLLPKGPAMLCRLCWLVSYS LAVLLLGC LLFLR
KAAKPA GDPTAHQPFWAPPTPRHSRCPNHTVSSASLSLPSRHRLFLTYR
HCRNFSILLEPSGCSKDTFLLLAIKSQPGHVERRAAIRSTWGRVGGWARG
RQLKLVFLLGVAGSAPPAQLLAYESREFDDILQWDFTEFFNLTLKELHL
QRWVVAACPQAHFMLKGDDDDVFVHPNVLEFLDGWDPAQDLLVGDVIRQA
LPNRNTKVKYFIPPSMYRATHYPPYAGGGGYVMSRATVRR LQAIMEDAEL
FPID DVFGMCLRRLGLSPMH HAGFKTFGIRRLDPLDPCLYRGLLLVHR
LSPLEMWTMWALVTDEGLKCAAGPIQR

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**

B3GNT4

Full Name

UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4

Introduction

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetyllactosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein.

Alternative Names

B3GNT4; B3GN-T4; beta3Gn-T4; N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 4; BGnT-4; beta-1,3-Gn-T4; beta-1,3-N-acetylglucosaminyltransferase 4; beta-1,3-N-acetylglucosaminyltransferase bGn-T4; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4

Gene ID

[79369](#)

UniProt ID

[Q9C0J1](#)