

Product Information

MemDX™ Membrane Protein Human B4GAT1 (Beta-1,4-glucuronyltransferase 1) Full Length

Cat. No.: **MPC2729K**

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

This product is a made-to-order Human B4GAT1 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

B4GAT1

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MQMSYAIRCAFYQLLLAALMLVAMLQLLYLSLLSGLHGQEEQDQYFEFFP
PSPRSVDQVKAQLRTALASGGVLDASGDYRVYRGLLKTTMDPNVILATH
ASVDNLLHLSGLLERWEGPLSVSVFAATKEEAQLATVLAYALSSHCPDMR
ARVAMHLVCPSTRYEAAPDPREPGEFALLRSCQEVFDKLARVAQPGINYA
LGTNVSYPNLLRNLA REGANYALVIDVDMVPSEGLWRGLREMLDQSNQW
GGTALVVP AFEIRRARRMPMNKNELVQLYQVGEVRPFYYGLCTPCQAPT
YSRWVNLPEESLLRPAYVVPWQDPWEPFYVAGGKVPTFDERFRQYGFNRI
SQACELHVAGFDFEVLNEGFLVHKGFKALKFHPQKEAENQHKNKILYRQF
KQELKAKYPNSPRRC

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**

B4GAT1

Full Name

Beta-1,4-glucuronyltransferase 1

Introduction

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It is essential for the synthesis of poly-N-acetyllactosamine, a determinant for the blood group i antigen.

Alternative Names

B4GAT1; iGAT; iGNT; B3GNT1; B3GNT6; B3GN-T1; MDDGA13; BETA3GNTI; N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6; beta-1,3-N-acetylglucosaminyltransferase bGnT-6; i-beta-1,3-N-acetylglucosaminyltransferase; poly-N-acetyllactosamine extension enzyme; Beta-1,4-glucuronyltransferase 1

Gene ID

[11041](#)

UniProt ID

[Q43505](#)