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Product Information

MemDX™ Membrane Protein Human B3GAT2 (Beta-1,3-glucuronyltransferase 2) Full Length

Cat. No.: **MPC3132K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human B3GAT2 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
B3GAT2

Protein Length
Full length

Protein Class
Transferase

TMD
1

Sequence
MKSALFTRFFILLPWILIVIIMLDVDTRRPVPPLTPRPYFSPYAVGRGGA
RLPLRRGGPAHGTQKRNQSRPQPQPEPQLPTIYAITPTYSRPVQKAELTR
LANTFRQVAQLHWILVEDAAARSELVSRFLARAGLPSTHLHVPTPRRYKR
PGLPRATEQRNAGLAWLRQRHQHQRAQPGVLFFADDDNTYSLELFQEMRT
TRKVSVWPVGLVGGRRYERPLVENGKVVGWYTGWRADRPFAIDMAGFAVS
LQVILSNPKAVFKRRGSQPGMQESDFLKQITTVEELEPKANNCTKVLVWH
TRTEKVNLANEPKYHLDTVKIEV

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

B3GAT2

Full Name

Beta-1,3-glucuronyltransferase 2

Introduction

The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system.

Alternative Names

B3GAT2; GLCATS; galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2; UDP-glucuronosyltransferase S; UDP-glucuronyltransferase S; glcAT-D; glucuronosyltransferase S; uridine diphosphate glucuronic acid:acceptor glucuronosyltransferase; Beta-1,3-glucuronyltransferase 2

Gene ID

135152

UniProt ID

Q9NPZ5

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