

Product Information

MemDX™ Membrane Protein Human B3GALT5 (Beta-1,3-galactosyltransferase 5) Full

Length

Cat. No.: **MPC4194K**

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

This product is a made-to-order Human B3GALT5 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

B3GALT5

Protein Length

Full length

Protein Class

Transferase

TMD

1

Sequence

MAFPKMRLMYICLLVLGALCLYFSMYSLNPFKEQSFVYKKDGNFLKLPDT
DCRQTTPFLVLLVTSSHKQLAERMAIRQTWGKERMVKGKQLKTFLLGTT
SSAAETKEVDQESQRHGDIIQKDFLDVYYNLTCLKTMMGIEWVHRFCPQAA
FVMKTDSDMFINVLYLTELKKNRTTRFFTGLKLNEFPPIRQPFQKWFV
SKSEYPWDRYPPFCSGTGYVFGDVASQVYNVSKSVPIKLEDVFVGLCL
ERLNIRLEELHSQPTFFPGGLRFSVCLFRRIVACHFIKPRTLDDYWQALE
NSRGEDCPPV

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**

B3GALT5

Full Name

Beta-1,3-galactosyltransferase 5

Introduction

This gene encodes a member of a family of membrane-bound glycoproteins. The encoded protein may synthesize type 1 Lewis antigens, which are elevated in gastrointestinal and pancreatic cancers. Alternatively spliced transcript variants using multiple alternate promoters have been observed for this gene.

Alternative Names

B3GALT5; B3T5; GLCT5; B3GalTx; B3GalT-V; beta3Gal-T5; beta-3-Gx-T5; beta-1,3-GalTase 5; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5; UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 5; homolog of C. elegans Bt toxin resistance gene bre-5; Beta-1,3-galactosyltransferase 5

Gene ID

[10317](#)

UniProt ID

[Q9Y2C3](#)