

Product Information

MemDX™ Membrane Protein Human B3GALT5 (beta-1,3-galactosyltransferase 5) for

Antibody Discovery

Cat. No.: **MP0321J**

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

This product is a 36 kDa Human B3GALT5 membrane protein expressed in HEK293T. 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

Transmembrane

Molecular Weight

36 kDa

TMD

1

Sequence

MAFPKMRLMYICLLVLGALCLYFSMYSLNPFKEQSFVYKKDGNFLKLPDTCRQTPPFLVLLVTSSHKQL
AERMAIRQTWGKERTVKGKQLKTFLLGTTSSAAETKEVDQESQRHGDIIQKDFLDVYYNLTCLKTMMGIE
WVHRFCPQAAAFVMKTDSDMFINVLYTELLKKNRTTRFFTGFLKLNFPFIRQPFVSKSEYPWDYR
PPFCSGTGYVFSGDVASQVYNVSKSVPIKLEDVFVGLCLERLNIRLEELHSQPTFFPGGLRFSVCLFRR
IVACHFIKPRTLDDYWQALENSRGEDCPPV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

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

B3T5; GLCT5; B3GalTx; B3GalT-V; beta3Gal-T5; beta-3-Gx-T5; beta-1,3-GalTase 5

Gene ID

[10317](#)

UniProt ID

[Q9Y2C3](#)