

Recombinant Human B3GALT5 Protein (AA 32-310), N-6xHis/GFP tagged

Cat. No. B3GALT5-22H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human B3GALT5 Protein (AA 32-310) with N-6xHis/GFP tag was expressed in HEK293.

Species

Human

Source

HEK293

ProteinLength

AA 32-310

Description

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.

Molecular Mass

~70 kDa

AA Sequence

KEQSFVYKKDGNFLKLPDTCRQTPPFLVLLVTSSHKQLAERMAIRQTWGKERTVK
GKQLKTFLLGTTSSAAETKEVDQESQRHGDIIQKDFLDVYYNLTLLKTMGGIEWVHR
FCPQAAFVMKTDSDMFINVDYLTELLKKNRTRFFTGFLKLNFPPIRQPFQSKWVFSK
SEYPWDRYPPFCSGTGYVFSGDVASQVYNVSKSVPIYKLEDVFGVGLCLERLNIRLEE
LHSQPTFFPGGLRFSVCLFRRIVACHFIKPRTLLDYWQALENSRGEDCPPV

Purity

>95%, by SDS-PAGE as visualized by Coomassie Blue Staining

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Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.

GENE INFORMATION

Gene Name	B3GALT5 beta-1,3-galactosyltransferase 5 [Homo sapiens (human)]
Official Symbol	B3GALT5
Synonyms	B3GALT5; beta-1,3-galactosyltransferase 5; B3T5; GLCT5; B3GalTx; B3GalT-V; beta3Gal-T5; beta-3-Gx-T5; beta-1,3-GalTase 5; beta-1,3-galactosyltransferase 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; EC 2.4.1.-
Gene ID	10317
mRNA Refseq	NM_006057
Protein Refseq	NP_006048
MIM	604066

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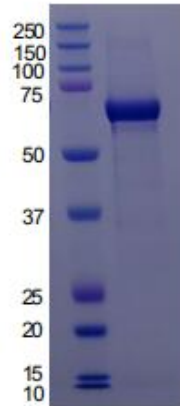
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UniProt ID

Q9Y2C3

SDS-PAGE



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