

Product datasheet for PH315430

OriGene Technologies, Inc.

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B3GALT5 (NM_006057) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: B3GALT5 MS Standard C13 and N15-labeled recombinant protein (NP_006048)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

or AA Sequence:

RC215430

Predicted MW: 36.2 kDa

Protein Sequence: >RC215430 protein sequence

Red=Cloning site Green=Tags(s)

MAFPKMRLMYICLLVLGALCLYFSMYSLNPFKEQSFVYKKDGNFLKLPDTDCRQTPPFLVLLVTSSHKQL AERMAIRQTWGKERTVKGKQLKTFFLLGTTSSAAETKEVDQESQRHGDIIQKDFLDVYYNLTLKTMMGIE WVHRFCPQAAFVMKTDSDMFINVDYLTELLLKKNRTTRFFTGFLKLNEFPIRQPFSKWFVSKSEYPWDRY PPFCSGTGYVFSGDVASQVYNVSKSVPYIKLEDVFVGLCLERLNIRLEELHSQPTFFPGGLRFSVCLFRR

IVACHFIKPRTLLDYWQALENSRGEDCPPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 006048

RefSeq Size: 2786 RefSeq ORF: 930

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

Locus ID: 10317



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UniProt ID: Q9Y2C3

Cytogenetics: 21q22.2

Summary: This gene encodes a member of a family of membrane-bound glycoproteins. The encoded

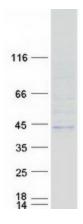
protein may synthesize type 1 Lewis antigens, which are elevated in gastrointestinal and pancreatic cancers. Alternatively spliced transcript variants using multiple alternate promoters have been observed for this gene. [provided by RefSeq, Sep 2017]

Protein Families: Transmembrane

Protein Pathways: Glycosphingolipid biosynthesis - globo series, Glycosphingolipid biosynthesis - lacto and

neolacto series, Metabolic pathways

Product images:



Coomassie blue staining of purified B3GALT5 protein (Cat# [TP315430]). The protein was produced from HEK293T cells transfected with B3GALT5 cDNA clone (Cat# [RC215430]) using MegaTran 2.0 (Cat# [TT210002]).