

Product datasheet for PH309884

B3GALT (B3GLCT) (NM_194318) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	B3GALT MS Standard C13 and N15-labeled recombinant protein (NP_919299)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209884
Predicted MW:	56.6 kDa
Protein Sequence:	>RC209884 protein sequence Red=Cloning site Green=Tags(s)

MRPPACWLLAPPALLALLTCSLAFGLASEDTKKEVKQSQDLEKSGISRKNDIDLKGIVFVIQSQSNFSH
AKRAEQLKKSILKQAADLTQELPSVLLHQLAKQEGAWTILPLLPHFSVTYSRNSWIFFCEEETRIQIP
KLELETLRRYDPSKEWFLGKALHDEEATIIHHYAFSENPTVFKYPDFAAGWALSIPLVKNLTKRLKSESLK
SDFTIDLKHEIALYIWDKGGPPLTPVPEFCTNDVDFYCATTFFHSFLPLCRKPKVKKKIDIFVAVKTKCKFH
GDRMPIVKQTWESQASLIEYYSDYTENSIPTVDLGIPTDRGHCGKTFAILERFLNRSQDKTAWLVIVDD
DTLISISRLQHLLSCYDSGKPVFLGERYGYGLTGGYSYITGGGGMVFSREAVRLLASKCRCYSNDAPD
DMVLGMCFSGLGIPVTHSPLFHQARPVDYPKDYL SHQVPISFHKHWNI DPVKVYFTWLAPSDKARQET
QKGFREEL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_919299
RefSeq Size:	4221
RefSeq ORF:	1494



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Synonyms: B3GALTL; B3Glc-T; B3GTL; beta3Glc-T; Gal-T

Locus ID: 145173

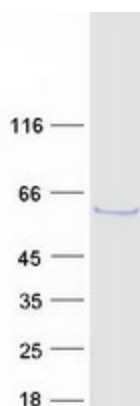
UniProt ID: [Q6Y288](#)

Cytogenetics: 13q12.3

Summary: The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS).[provided by RefSeq, Mar 2009]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified B3GLCT protein (Cat# [TP309884]). The protein was produced from HEK293T cells transfected with B3GLCT cDNA clone (Cat# [RC209884]) using MegaTran 2.0 (Cat# [TT210002]).