

## Product datasheet for PH306913

### B3GALNT2 (NM\_152490) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	B3GALNT2 MS Standard C13 and N15-labeled recombinant protein (NP_689703)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206913
Predicted MW:	56.7 kDa
Protein Sequence:	>RC206913 protein sequence Red=Cloning site Green=Tags(s)

MRNWLVLCCPCVLGAALHLWRLRSPPPACASGAGPADQLALFPQWKSTHYDVVVGVL SARNHELNRNVI  
RSTWMRHLLQHPTLSQRVLVKFII GAHGCEVPVEDREDPYSKLLNITNPVLNQEIEAFSLSEDTSSGLP  
EDRVVSVSFRVLYPIVITSLGVFYDANDVGFQRNITVKLYQAEQEEALFIARFSPPCGQVQNKLWYKPV  
EQFILPESFEGTIVWESQDLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVGVAGGFYIYTIQ  
EGDALLHNLHSRQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDTYRNVPAKLLNFYRWTVETTSFN  
LLLKTDDDCYIDLEAVFNRI VQKNLDGPNFWWGNFRLNWAVDRTGKWQELEYPSPAYPAFACGSGYVISK  
DIVKWLASNSGRKTYQGEDVSMGIWMAAIGPKRYQDSLWLCETCETGMLSSPQYSPWELTELWKLKER  
CGDPCRCQAR

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_689703</a>
RefSeq Size:	4755
RefSeq ORF:	1500



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Synonyms: B3GalNAc-T2; MDDGA11

Locus ID: 148789

UniProt ID: [Q8NCR0](#)

Cytogenetics: 1q42.3

**Summary:** This gene encodes a member of the glycosyltransferase 31 family. The encoded protein synthesizes GalNAc:beta-1,3GlcNAc, a novel carbohydrate structure, on N- and O-glycans. Alternatively spliced transcript variants that encode different isoforms have been described. [provided by RefSeq, Mar 2013]

### Product images:



Coomassie blue staining of purified B3GALNT2 protein (Cat# [TP306913]). The protein was produced from HEK293T cells transfected with B3GALNT2 cDNA clone (Cat# [RC206913]) using MegaTran 2.0 (Cat# [TT210002]).