

## Product datasheet for **TP306913**

### **B3GALNT2 (NM\_152490) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human beta-1,3-N-acetylgalactosaminyltransferase 2 (B3GALNT2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206913 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRNWLVLCCPCVLGAALHLWLRLRSPPPACASGAGPADQLALFPQWKSTHYDVWGVLSARNNHLELRNVI  
RSTWMRHLLQHPTLSQRVLVKFIIGAHGCEVPVEDREDPYSCKLLNITNPVLNQEIEAFSLSEDTSSGLP  
EDRVSVSFRVLYPIVITSLGVFYDANDVGFQRNITVKLYQAEQEALFIARFSPSCGVQVKNLWYKPV  
EQFILPESFEGTIVWESQDLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVGAGGFYITIQ  
EGDALLHNLHSRQRLIDHIRNLHEEDALLKEESSIYDDIVFDVVDTYRNVPKLLNFYRWTVETTSFN  
LLLKTDDDCYIDLEAVFNRIQKNLDGPNFWWGNFRLNWAVDRTGKWQELEYPSAYPAFACGSGYVISK  
DIVKWLASNSGRLKTYQGEDVSMGIWMAAIGPKRYQDSLWLCEKTCETGMLSSPQYSPWELTELWKLKER  
CGDPCRCQAR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	56.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_689703</a>
Locus ID:	148789
UniProt ID:	<a href="#">Q8NCRO</a>
RefSeq Size:	4755
Cytogenetics:	1q42.3
RefSeq ORF:	1500
Synonyms:	B3GalNAc-T2; MDDGA11
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]).