

Product datasheet for TP306913L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

B3GALNT2 (NM 152490) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Recombinant protein of human beta-1,3-N-acetylgalactosaminyltransferase 2 (B3GALNT2), 1 Description:

mg

Species: Human **Expression Host:** HEK293T

Expression cDNA Clone >RC206913 protein sequence or AA Sequence:

Red=Cloning site Green=Tags(s)

MRNWLVLLCPCVLGAALHLWLRLRSPPPACASGAGPADQLALFPQWKSTHYDVVVGVLSARNNHELRNVI RSTWMRHLLQHPTLSQRVLVKFIIGAHGCEVPVEDREDPYSCKLLNITNPVLNQEIEAFSLSEDTSSGLP EDRVVSVSFRVLYPIVITSLGVFYDANDVGFQRNITVKLYQAEQEEALFIARFSPPSCGVQVNKLWYKPV EQFILPESFEGTIVWESQDLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVEGVAGGFIYTIQ EGDALLHNLHSRPQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDTYRNVPAKLLNFYRWTVETTSFN LLLKTDDDCYIDLEAVFNRIVQKNLDGPNFWWGNFRLNWAVDRTGKWQELEYPSPAYPAFACGSGYVISK DIVKWLASNSGRLKTYQGEDVSMGIWMAAIGPKRYQDSLWLCEKTCETGMLSSPQYSPWELTELWKLKER

CGDPCRCQAR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK Predicted MW: 56.5 kDa

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

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

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.

Store at -80°C. Storage:





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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: NP 689703

Locus ID: 148789

UniProt ID: Q8NCR0

RefSeq Size: 4755

Cytogenetics: 1q42.3 RefSeq ORF: 1500

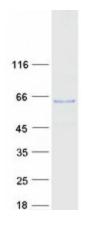
Synonyms: B3GalNAc-T2; MDDGA11

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]).