

# Recombinant Human B3GNT9 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** B3GNT9-2903H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

B3GNT9 MS Standard C13 and N15-labeled recombinant protein (NP\_171608) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

B3GNT9 (UDP-GlcNAc:BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 9) is a Protein Coding gene. Among its related pathways are Metabolism of proteins and O-linked glycosylation. Gene Ontology (GO) annotations related to this gene include transferase activity, transferring glycosyl groups and galactosyltransferase activity. An important paralog of this gene is B3GNT7.

### Molecular Mass

43.6 kDa

### AA Sequence

MRSATARPRRRARREGEGGRHRGPPDPARSSYPTRVQPRRPTKGTHRRRPRLR  
 DPFDFARYLRAKDQRRFPLLINQPHKCRGDGAPGGRPDLLIAVKVAEDFERRQAV  
 RQTWGAEGRVQGALVRRVFLGVPARGAGSGGADEVGEGARTHWRALLRAESLAY  
 ADILLWAFDDTFFNLTLKEIHFLAWASAFCPDVRVFKGDADVFNVGNLLEFLAPRD  
 PAQDLLAGDVIVHARPIRTRASKYYYIPEAVYGLPAYPAYAGGGGFVLSGATLHRLAG  
 ACAQVELFPIDDVFLGMCLQRLRLTPEPHPAFRTFGIPQPSAAPHLSTFDPCFYRELV  
 VVHGLSAADIWLMWRLHGHGHPACAHQPVAAGPFQWDSTRTRPLEQKLISEEDL  
 AANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

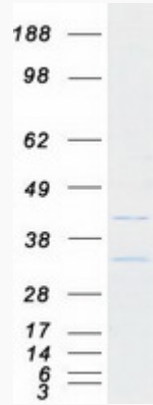
<b>Gene Name</b>	B3GNT9 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	B3GNT9
<b>Synonyms</b>	B3GNT9; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9; BGnT-9; beta-1,3-Gn-T9; beta-1,3-N-acetylglucosaminyltransferase 9; beta-1,3-galactosyltransferase-related protein; beta3Gn-T9; EC 2.4.1.-
<b>Gene ID</b>	84752
<b>mRNA Refseq</b>	NM_033309
<b>Protein Refseq</b>	NP_171608
<b>UniProt ID</b>	Q6UX72

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**SDS-PAGE**



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