

Recombinant Human B3GALNT2, His-tagged

Cat. No. B3GALNT2-10094H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GALNT2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	167-500a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	B3GALNT2 beta-1,3-N-acetylgalactosaminyltransferase 2 [Homo sapiens]
Official Symbol	B3GALNT2

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Synonyms	B3GALNT2; beta-1,3-N-acetylgalactosaminyltransferase 2; UDP GalNAc:betaGlcNAc beta 1,3 galactosaminyltransferase, polypeptide 2; UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 2; MGC39558; beta-1,3-GalNAc-T2; beta-1,3-galactosaminyltransferase 2; beta-1,3-N-acetylgalactosaminyltransferase II; beta 1,3-N-acetylgalactosaminyltransferase-II (MGC39558); UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 2; UDP-GalNAc:betaGlcNAc beta-1,3-galactosaminyltransferase, polypeptide 2; B3GalNAc-T2;
Gene ID	148789
mRNA Refseq	NM_152490
Protein Refseq	NP_689703
MIM	610194
UniProt ID	Q8NCR0
Chromosome Location	1q42.3
Function	galactosyltransferase activity; transferase activity, transferring glycosyl groups;