

Recombinant Human B3GALNT2, His-tagged

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

SPECIFICATION

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| 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

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| 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; |

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