

Recombinant Human B4GALNT3, His-tagged

Cat. No. B4GALNT3-10110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B4GALNT3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	91-449a.a.
Description	B4GALNT3 transfers N-acetylgalactosamine (GalNAc) onto glucosyl residues to form N,N-prime-diacetyllactosediamine (LacdiNAc, or LDN), a unique terminal structure of cell surface N-glycans (Ikehara et al., 2006 [PubMed 16728562]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	B4GALNT3 beta-1,4-N-acetyl-galactosaminyl transferase 3 [Homo sapiens]
Official Symbol	B4GALNT3

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Synonyms	B4GALNT3; beta-1,4-N-acetyl-galactosaminyl transferase 3; N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetyl-galactosaminyltransferase 2; B4GalNac T3; FLJ16224; FLJ40362; NGalNAc-T2; beta4GalNAcT3; Beta4GalNAc-T3; beta-1,4-N-acetyl-galactosaminyltransferase III; N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N- acetyl-galactosaminyltransferase;
Gene ID	283358
mRNA Refseq	NM_173593
Protein Refseq	NP_775864
MIM	612220
UniProt ID	Q6L9W6
Chromosome Location	12p13.33
Function	N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetyl-galactosaminyltransferase activity; acetyl-galactosaminyltransferase activity; transferase activity;