

## Recombinant Human B4GALNT3, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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

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<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">283358</a>
<b>mRNA Refseq</b>	<a href="#">NM_173593</a>
<b>Protein Refseq</b>	<a href="#">NP_775864</a>
<b>MIM</b>	<a href="#">612220</a>
<b>UniProt ID</b>	<a href="#">Q6L9W6</a>
<b>Chromosome Location</b>	12p13.33
<b>Function</b>	N-acetyl-beta-glucosaminyl-glycoprotein 4-beta-N-acetyl-galactosaminyltransferase activity; acetyl-galactosaminyltransferase activity; transferase activity;

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