

## Active Recombinant Human B4GALT2 Protein, His-tagged

Cat. No. B4GALT2-1008H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B4GALT2 (Accession # O60909) Ser43-Gly372, fused with C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Ser43-Gly372
<b>Predicted N Terminal</b>	Ser43
<b>Form</b>	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
<b>Bio-activity</b>	Measured by its ability to transfer galactose from UDP-galactose to glucose. The specific activity is >80 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human B4GALT2, His-tagged has a calculated MW of 38 kDa. In SDS-PAGE migrates as 44-55 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

**Gene Name** B4GALT2 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 [ Homo sapiens ]

**Official Symbol** B4GALT2

**Synonyms** B4GALT2; UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2; beta-1,4-galactosyltransferase 2; beta4Gal T2; beta-4-GalT2; beta-1,4-GalTase 2; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 2; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase 2; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 2; beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase 2; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 2; B4Gal-T2; B4Gal-T3; beta4Gal-T2;

**Gene ID** 8704

**mRNA Refseq** NM\_001005417

**Protein Refseq** NP\_001005417

**MIM** 604013

**UniProt ID** O60909

**Chromosome Location** 1p34-p33

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