

## Recombinant Mouse B4galt3 overexpression lysate

Cat. No. B4galt3-05HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	<p>Recombinant mouse B4galt3 HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.</p> <p>Preparation: HEK293T cells in 10-cm dishes were transiently transfected. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. To facilitate transportation and protein, the products are supplied as lyophilized proteins.</p> <p>Components: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate</p>
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.
<b>Molecular Mass</b>	44.1 kDa
<b>Stability</b>	Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.
<b>Storage</b>	Upon receiving, store the sample at -20 centigrade.

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**Reconstitution** Lysate samples can be reconstituted with SDS Sample Buffer. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

**Shipping** The lysate can be shipped at ambient temperature.

## GENE INFORMATION

**Gene Name** B4galt3 UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3 [ *Mus musculus* (house mouse) ]

**Official Symbol** B4galt3

**Synonyms**

B4galt3; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3; ESTM2; ESTM6; R7498; ESTM26; R74981; AA104562; AW125175; 9530061M23Rik; beta-1,4-galactosyltransferase 3; N-acetyllactosamine synthase; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 3; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 3; beta-1,4-galactosyltransferase III; beta4GalT-III; expressed sequence tag mouse EST 6; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 3; b4Gal-T3; beta-1,4-GalTase 3; beta-1,4-galactosyltransferase III; beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase; beta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase; beta4Gal-T3; beta4GalT-III; nal synthase; neolactotriaosylceramide beta-1,4-galactosyltransferase; EC 2.4.1.275; EC 2.4.1.38; EC 2.4.1.90

**Gene ID** 57370

**mRNA Refseq** NM\_020579

**Protein Refseq** NP\_065604

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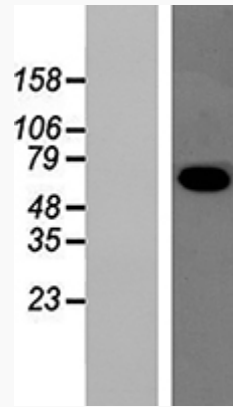
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UniProt ID

Q91YY2

SDS-PAGE



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