

Recombinant Mouse B4galt3 overexpression lysate

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

SPECIFICATION

Product Overview

Recombinant mouse B4galt3 HEK293T cell transient overexpression lysate (as WB positive control) with a C-Myc/DDK tag was expressed in HEK293T.

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.

Components: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate

Species

Mouse

Source

HEK293

Description

Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

Molecular Mass

44.1 kDa

Stability

Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.

Storage

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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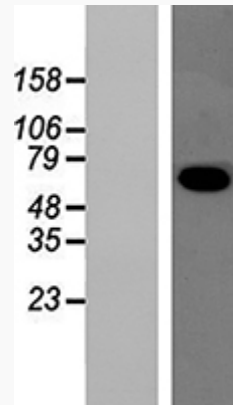
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UniProt ID

Q91YY2

SDS-PAGE

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