

Recombinant Mouse B4galt2 overexpression lysate

Cat. No. B4galt2-11HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant mouse B4galt2 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. Can produce lactose.

Molecular Mass

42.4 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 B4galt2 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2 [Mus musculus (house mouse)]

Official Symbol B4galt2

Synonyms B4galt2; UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2; Ggtb2; beta-1,4-galactosyltransferase 2; N-acetylactosamine synthase; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 2; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 2; b4Gal-T2; beta-1,4-GalTase 2; beta-1,4-galactosyltransferase II; beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase; beta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase; beta4Gal-T2; lactose synthase A protein; nal synthase; EC 2.4.1.22; EC 2.4.1.38; EC 2.4.1.90

Gene ID 53418

mRNA Refseq NM_017377

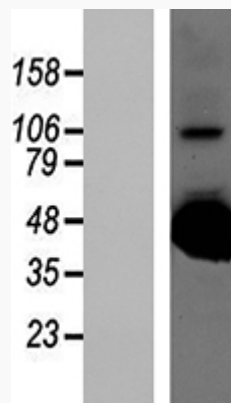
Protein Refseq NP_059073

UniProt ID Q9Z2Y2

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SDS-PAGE

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