

Recombinant Mouse B4galt4 overexpression lysate

Cat. No. B4galt4-06HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	<p>Recombinant mouse B4galt4 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>
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	39.7 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 B4galt4 UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 4 [*Mus musculus* (house mouse)]

Official Symbol B4galt4

Synonyms

B4galt4; UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 4; b4Gal-T4; B4galt-IV; beta4Gal-T4; beta4GalT-IV; 9130402O08Rik; beta-1,4-galactosyltransferase 4; Names; N-acetyllactosamine synthase; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 4; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 4; beta-1,4-GalTase 4; beta-1,4-galactosyltransferase IV; beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase; lactotriaosylceramide beta-1,4-galactosyltransferase; nal synthase; EC 2.4.1.275; EC 2.4.1.90

Gene ID 56375

mRNA Refseq NM_019804

Protein Refseq NP_062778

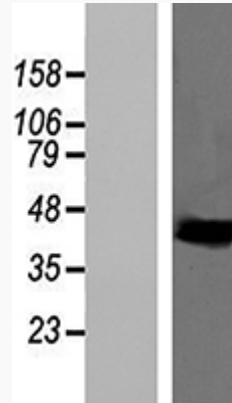
UniProt ID Q9JJ04

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SDS-PAGE



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