

Recombinant Mouse B4galt7 overexpression lysate

Cat. No. B4galt7-08HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant mouse B4galt7 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

Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.

Molecular Mass

37.8 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	B4galt7 xylosylprotein beta1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I) [<i>Mus musculus</i> (house mouse)]
Official Symbol	B4galt7
Synonyms	B4galt7; xylosylprotein beta1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I); XGPT; XGalT-1; beta-1,4-galactosyltransferase 7; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 7; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 7; UDP-galactose:beta-xylose beta-1,4-galactosyltransferase; b4Gal-T7; beta-1,4-GalTase 7; beta4Gal-T7; proteoglycan UDP-galactose:beta-xylose beta1,4-galactosyltransferase I; xylosylprotein 4-beta-galactosyltransferase; xylosylprotein beta-1,4-galactosyltransferase; EC 2.4.1.133
Gene ID	218271
mRNA Refseq	NM_146045
Protein Refseq	NP_666157
UniProt ID	Q8R087
SDS-PAGE	

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