

Recombinant Full Length Mouse Beta-1,4-Galactosyltransferase 1(B4Galt1) Protein, His-Tagged

Cat. No. RFL17636MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Beta-1,4-galactosyltransferase 1(B4galt1) Protein (P15535) (1-399aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-399)
Form	Lyophilized powder
AA Sequence	MRFREQFLGGSAAAMPGATLQRACRLLVAVCALHLGVTLVYYLSGRDLSRLPQLVGV SSTLQGGTNGAAASKQPPGEQRPRGARPPPPLGVSPKPRPGLDSSPGAASGPGLK SNLSSLPVPTTTGLLSLPACPEESPLLVGPMILDFNIAVDLELLAKKNPEIKTGGRYSP KDCVSPHKVAIIIPFRNRQEHLKYWLYLHPILQRQQLDYGIYVINQAGDTMFNRAKL LNIGFQEALKDYDYNCFVFSVDLIPMDDRNAYRCFSQPRHISVAMDKFGFSLPYVQ YFGGVSALSQKQFLAINGFPNNYWGWGGEDDDIFNRLVHKGMSISRPNAVVGRCR MIRHSRDKKNEPNPQRFDRIAHTKETMRFDGLNSLTYKVLVDVQRYPLYTQITVDIGTP R
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	B4galt1
Synonyms	B4galt1; Ggtb; Ggtb2; Beta-1,4-galactosyltransferase 1; Beta-1,4-GalTase 1; Beta4Gal-T1; b4Gal-T1; Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase; Beta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase; Lactose synthase
UniProt ID	P15535