

Datasheet for ABIN7607335

**B4GALT1 Protein (AA 44-398) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	B4GALT1
Protein Characteristics:	AA 44-398
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This B4GALT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human B4GALT1 Protein, N-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to transfer galactose from UDPgalactose to NAcetyl-alpha - Dglucosamine. The specific activity is >2,000 pmol/min/µg, as measured under the described conditions.

## Target Details

Target:	B4GALT1
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## Target Details

Alternative Name:	B4GALT1 ( <a href="#">B4GALT1 Products</a> )
Background:	B4GALT1, UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 1, GGTB2, Beta-N-acetylglucosaminylglycopeptide beta-1,4-galactosyltransferase, Beta-1,4-GalTase 1, Neolactotriaosylceramide beta-1,4-galactosyltransferase, N-acetyllactosamine synthase, Lactose synthase A protein, Beta4Gal-T1, Beta-1,4-galactosyltransferase 1, b4Gal-T1, Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase, Nal synthase, UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 1
UniProt:	<a href="#">P15291</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months