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Datasheet for ABIN7319211 **B4GALT4 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	B4GALT4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B4GALT4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human B4GALT4 Protein (His Tag)
Sequence:	Gln39-Ala344
Characteristics:	Recombinant Human beta-1,4-Galactosyltransferase 4 is produced by our Mammalian expression system and the target gene encoding Gln39-Ala344 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	B4GALT4
Alternative Name:	B4GALT4 (B4GALT4 Products)
Background:	Background: β -1,4-galactosyltransferase 4 (B4GALT4) is a single-pass type II membrane protein that belongs to the Glycosyltransferase 7 family. B4GALT4 consist of the following 2 domains:

Target Details

N-Acetylglucosaminyl-Glycolipid β -1,4-Galactosyltransferase. B4GALT4 is highly expressed in the heart, placenta, kidney, and pancreas, it is lowly expressed in the brain, colon, lung, muscle, ovary, testis, and uterus. B4GALT4 function is responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

Synonym: Beta-1,4-Galactosyltransferase 4, Beta-1,4-GalTase 4, Beta4Gal-T4, b4Gal-T4, UDP-Gal:Beta-GlcNAc Beta-1,4-Galactosyltransferase 4, UDP-Galactose:Beta-N-Acetylglucosamine Beta-1,4-Galactosyltransferase 4, B4GALT4

Molecular Weight: 36.8 kDa

UniProt: [O60513](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 μ m filtered solution of 20 mM Tris, 150 mM NaCl, pH 7.5.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.