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Datasheet for ABIN7319210 **B4GALT3 Protein (His tag)**

Overview

Quantity:	50 µg
Target:	B4GALT3
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B4GALT3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human B4GALT3 Protein (His Tag)
Sequence:	Arg32-His393
Characteristics:	Recombinant Human beta-1,4-galactosyltransferase 3 is produced by our Mammalian expression system and the target gene encoding Arg32-His393 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	B4GALT3
Alternative Name:	B4GALT3 (B4GALT3 Products)
Background:	Background: Beta-1,4-galactosyltransferase 3 (B4GALT3) belongs to the glycosyltransferase 7 family. It is responsible for the synthesis of complex-type N-linked oligosaccharides in many

Target Details

glycoproteins as well as the carbohydrate moieties of glycolipids. It is highest expression in placenta, prostate, testis, ovary, intestine and muscle, and in fetal brain.

Synonym: Beta-1,4-galactosyltransferase 3, B4GALT3

Molecular Weight: 41.5 kDa

UniProt: [O60512](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 2 mM MgCl₂, 10 % Glycerol, pH 7.5.

Storage: -20 °C

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