Datasheet for ABIN1880686

B4GALT3 Protein (AA 32-393) (His tag)

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Overview

Quantity:	50 µg
Target:	B4GALT3
Protein Characteristics:	AA 32-393
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This B4GALT3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human β-1,4-Galactosyltransferase 3/B4GALT3 (C-6His)
Sequence:	RSLSALFGRD QGPTFDYSHP RDVYSNLSHL PGAPGGPPAP QGLPYCPERS PLLVGPVSVS FSPVPSLAEI VERNPRVEPG GRYRPAGCEP RSRTAIIVPH RAREHHLRLL LYHLHPFLQR QQLAYGIYVI HQAGNGTFNR AKLLNVGVRE ALRDEEWDCL FLHDVDLLPE NDHNLYVCDP RGPRHVAVAM NKFGYSLPYP QYFGGVSALT PDQYLKMNGF PNEYWGWGGE DDDIATRVRL AGMKISRPPT SVGHYKMVKH RGDKGNEENP HRFDLLVRTQ NSWTQDGMNS LTYQLLAREL GPLYTNITAD IGTDPRGPRA PSGPRYPPGS SQAFRQEMLQ RRPPARPGPL STANHTALRG SHVDHHHHHH
Characteristics:	Recombinant Human B4GALT3 is produced with HEK293 expression system.Target protein is expressed with sequence of Human B4GALT3 (Uniprot #O60512) fused with a C-polyHIS tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	B4GALT3
Alternative Name:	B4GALT3 (B4GALT3 Products)
Sub Type:	Fusionprotein
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 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. Alternative Names: 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:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl,150 mM NaCl,2 mM MgCl2,10 % Glycerol, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Handling

Expiry Date:	6 months