

Recombinant Human B4GALT3 Protein (34-393 aa), GST-tagged

Cat. No. B4GALT3-1176H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human B4GALT3 Protein (34-393 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.

Species Human

Source E.coli

ProteinLength 34-393 aa

Description Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.

Form Tris-based buffer,50% glycerol

Molecular Mass 67.2 kDa

AA Sequence

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LSALFGRDQGPTFDYSHPRDVYSNLSHLPGAPGGPPAPQGLPYCPERSPLLVGVS
VSFSPVPSLAEIVERNPRVEPGGRYRPAGCEPRSRTAIVPHRAREHHLRLLLYHLHP
FLQRQQLAYGIYVIHQAGNGTFNRAKLLNVGVREALRDEEWDCLFLHDVDLLPEND
HNLYVCDPRGPRHVAVAMNKFYSLPYPQYFGGVSALTPDQYLKMNGFPNEYWG
WGGEDDDIATRVRLAGMKISRPPTSVGHYKMKVHRGDKGNEENPHRFDLLVRTQN
SWTQDGMNSLTYQLLARELGPLYTNITADIGTDPRGPRAPSGPRYPPGSSQAQRQE
MLQRRPPARPGPLSTANHTALRGSH
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

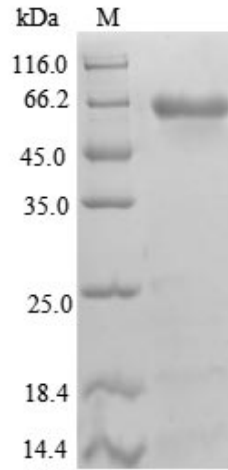
GENE INFORMATION

Gene Name	B4GALT3 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3 [Homo sapiens]
Official Symbol	B4GALT3
Synonyms	B4GALT3; beta4Gal T3; b4Gal-T3; beta4Gal-T3;
Gene ID	8703
mRNA Refseq	NM_001199873
Protein Refseq	NP_001186802
MIM	604014
UniProt ID	O60512

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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