

Recombinant Full Length Human B3GAT3 Protein, C-Flag-tagged

Cat. No. B3GAT3-1205HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human B3GAT3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a member of the glucuronyltransferase gene family, enzymes that exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product catalyzes the formation of the glycosaminoglycan-protein linkage by way of a glucuronyl transfer reaction in the final step of the biosynthesis of the linkage region of proteoglycans. A pseudogene of this gene has been identified on chromosome 3.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	36.9 kDa
AA Sequence	MKLKLKNVFLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQLQAEL RRPPPAPAPQPE PEALPTIYVVTPTYARLVQKAELVRLSQTLSLVPRLHWLLVEDAE GPTPLVSGLLAASGLLFTHLVVLTP KAQRLREGEPGWVHPRGVEQRNKALDWLRG RGGAVGGEKDPPPPGTQGVVYFADDDNTYSRELFEEMRWT RGVSVWPVGLVGG LRFEGPQVQDGRVVGFTAWEPSRPFVDMAGFAVALPLLLDKPNAQFDSTAPRG HL

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	ESSLLSHLVDPKDLEPRAANCTRVLVWHTRTEKPKMKQEEQLQRQGRGSDPAIEVT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Protein Pathways	Chondroitin sulfate biosynthesis, Heparan sulfate biosynthesis, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	B3GAT3 beta-1,3-glucuronyltransferase 3 [Homo sapiens (human)]
Official Symbol	B3GAT3
Synonyms	JDSCD; GLCATI; glcUAT-I
Gene ID	26229

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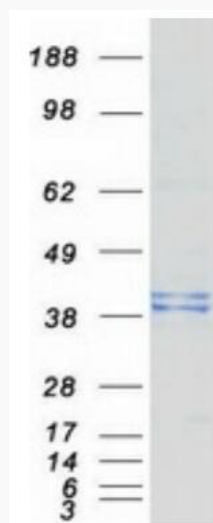
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mRNA Refseq [NM_012200.4](#)

Protein Refseq [NP_036332.2](#)

MIM [606374](#)

UniProt ID [O94766](#)



Coomassie blue staining of purified B3GAT3 protein.

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