

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human B3GAT3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	36.9 kDa
<b>AA Sequence</b>	MKLKLNKVFLLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQLQAE RRPPPAPAPQPE PEALPTIYVVTPTYARLVQKAELVRLSQTLSLVPRLHWLLVEDAE GPTPLVSGLLAASGLLFTHLVVLTP KAQRLREGEPGWVHPRGVEQRNKALDWLRG RGGAVGGEKDP PPPGTQGVVYFADDDNTYSRELFEEMRWT RGVSVWPVGLVGG LRFEGPQVQDGRVVGFTAWEPSRPFVDMAGFAVALPLLLDKPNAQFDSTAPRG HL

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ESSLLSHLVDPKDLEPRAANCTRVLVWHTRTEKPKMKQEEQLRQGRGSDPAIEVT  
RTRPLEQKLISEEDLAANDILDYKDDDDKV

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

## GENE INFORMATION

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

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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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