

# Recombinant Full Length Human B3GAT3 Protein, GST-tagged

**Cat. No.** B3GAT3-1717HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human B3GAT3 full-length ORF ( NP_036332.2, 1 a.a. - 335 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	335 amino acids
<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. [provided by RefSeq]
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	63.5 kDa
<b>AA Sequence</b>	MKLKLNKVFLLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQLQAE RRPPPAPAPQPEPEALPTIYVVTPTYARLVQKAELVRLSQTLSLVPRLHWLLVEDAE GPTPLVSGLLAASGLLFTHLVVLTPKAQRLREGEPGWVHPRGVEQRNKALDWLRG RGGAVGGEKDPPTGGVVFADDDNTYSRELFEEMRWTRGVSVPVGLVGGGL RFEGPQVQDGRVVGFFHTAWEPSRPFVDMAGFAVALPLLLDKPNAQFDSTAPRGH

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LESSLLSHLVDPKDLKPRAANCTRVLVWHTRTEKPKMKQEEQLQRQGRGSDPAIEV

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** B3GAT3 beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) [ Homo sapiens ]

**Official Symbol** B3GAT3

**Synonyms** B3GAT3; beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I); galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 3; GlcAT I; glcUAT-I; Sqv-8-like protein; UDP-GlcUA:Gal beta-1,3-Gal-R glucuronyltransferase; GLCAT1

**Gene ID** 26229

**mRNA Refseq** NM\_012200

**Protein Refseq** NP\_036332

**MIM** 606374

**UniProt ID** O94766

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