

Recombinant Human B3GAT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. B3GAT3-2373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	B3GAT3 MS Standard C13 and N15-labeled recombinant protein (NP_036332) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	36.9 kDa
AA Sequence	MKLKLKNVFLAYFLVSIAGLLYALVQLGQPCDCLPPLRAAAEQLRQKDLRISQLQAE RRPPPAPAQPPEPEALPTIYVVTPTYARLVQKAELVRLSQTLSLVPRLHWLLVEDAE GPTPLVSGLLAASGLLFTHLVLTTPKAQRLREGEPGWVHPRGVEQRNKALDWLRG RGGAVGGEKDPPPPGTQGVVYFADDDNTYSRELFEEMRWTRGVSVPVGLVGG RFEGPQVQDGRVVGFTAWEPSRPFVDMAGFAVALPLLLDKPNAQFDSTAPRGH LESSLLSHLVDPKDLEPRAANCTRVLVWHTRTTEKPKMKQEEQLQRQGRGSDPAIEV TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	B3GAT3 beta-1,3-glucuronyltransferase 3 [Homo sapiens (human)]
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; GLCATI;
Gene ID	26229
mRNA Refseq	NM_012200
Protein Refseq	NP_036332
MIM	606374
UniProt ID	O94766

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SDS-PAGE

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