

Recombinant Human B3GAT3 Protein, His-tagged

Cat. No. B3GAT3-290H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GAT3 Protein (Leu74-Val335) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu74-Val335
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.7 kDa Accurate Molecular Mass: 33 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	B3GAT3 beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I) [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

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UniProt ID

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