Recombinant Mouse B3gat2 Protein, His-tagged

Cat. No. B3gat2-289M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse B3gat2 Protein (Gln33-Val324) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln33-Val324
Description	Predicted to enable galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase activity. Predicted to be involved in carbohydrate biosynthetic process and chondroitin sulfate proteoglycan biosynthetic process. Predicted to be located in Golgi apparatus and membrane. Predicted to be integral component of membrane. Predicted to be act ive in Golgi membrane. Is expressed in several structures, including alimentary syste m; genitourinary system; nervous system; respiratory system; and sensory organ. Hu man ortholog(s) of this gene implicated in Barrett's esophagus and schizophrenia. Ort hologous to human B3GAT2 (beta-1,3-glucuronyltransferase 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.1 kDa Accurate Molecular Mass: 37 kDa
Purity	> 90%

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	B3gat2 beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S) [Mus musculus (house mouse)]
Official Symbol	B3gat2
Synonyms	B3GAT2; beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S); galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2; glcAT-D; glucuronosyltransferase S; glucuronosyltransferase-S; UDP-glucuronosyltransferase S; UDP-glucuronosyltransferase-S; Glcats; GlcAT-S; KIAA1963
Gene ID	280645
mRNA Refseq	NM_172124
Protein Refseq	NP_742122

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UniProt ID	P59270

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