

Active Recombinant Rat B3gat1 Protein, His-tagged

Cat. No. B3gat1-798R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat B3gat1 (Accession # NP_446455) Asp75-Ile347, fused with an N-terminal human CD33 signal sequence and a 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
ProteinLength	Asp75-Ile347
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and DTT.
Bio-activity	Measured by its ability to transfer GlcA from UDP-GlcA to lactose. The specific activity is >725 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Rat B3gat1, His-tagged has a calculated MW of 32 kDa. In SDS-PAGE migrates as 40-43 kDa, reducing conditions.
Purity	>80%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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

months (-70°C).

GENE INFORMATION**Gene Name** [B3gat1 beta-1,3-glucuronyltransferase 1 \(glucuronosyltransferase P\) \[Rattus norvegicus \]](#)**Official Symbol** [B3gat1](#)**Synonyms** [B3GAT1](#); beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P); galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; glcAT-P; glcUAT-P; glucuronosyltransferase P; glucuronosyltransferase-P; UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase; Hnk-1;**Gene ID** [117108](#)**mRNA Refseq** [NM_054003](#)**Protein Refseq** [NP_446455](#)**MIM** 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