

Recombinant Human B3GALT1 protein, His-tagged

Cat. No. B3GALT1-2446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GALT1 protein(27-327 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-327 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	RPTSSYTGSKPFSHLTVARKNFTFGNIRTRPINPHSFEFLINEPNKCEKNIPFLVILIST THKEFDARQAIRETWGDENNFKGKIATLFLGKNADPVLNQMVEQESQIFHDIIVED FIDSYHNLTLKTLGMWRVATFCISKAKYVMKTDSDIFVNMDNLIYKLLKPSTKPRRR YFTGYVINGGPIRDVRSKWYMPRDLYPDSNYPPFCSGTGYIFSADVAELIYKTSLHT RLLHLEDVYVGLCLRKLGIHPFQNSGFNHWKMAYSLCRYRRVITVHQISPEEMHRIW NDMSSKKHLRC
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

 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

cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

B3GALT1 UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1 [Homo sapiens (human)]

Official Symbol

B3GALT1

Synonyms

B3GALT1; beta3Gal-T1; UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1; beta-1,3-galactosyltransferase 1; beta3GalT1; beta-3-galt1; beta-1,3-GalTase 1; UDP-galactose:beta-N-acetyl-glucosamine-beta-1,3-galactosyltransferase 1; NP_066191.1; EC 2.4.1.179

Gene ID

8708

mRNA Refseq

NM_020981

Protein Refseq

NP_066191

MIM

603093

UniProt ID

Q9Y5Z6

 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