Active Recombinant B. thetaiotaomicron BT_4675 Protein, Met & His-tagged

Cat. No. BT_4675-863B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant B. thetaiotaomicron BT_4675 (Accession # NP_813586) Met1-Arg376, fused with Met, 6-His tag and a fusion partner at the N-terminus, was produced in E. coli.
Species	B.thetaiotaomicron
Source	E.coli
ProteinLength	Met1-Arg376
Predicted N Terminal	Met
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl and Citrate.
Bio-activity	Measured by its ability to liberate oligosaccharides from heparin.The specific activity is >12,000 pmol/min/μg, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com.
Molecular Mass	Recombinant B. thetaiotaomicron BT_4675, Met & His-tagged has a calculated MW of 55 kDa. In SDS-PAGE migrates as 59 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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

	lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

Gene Name	BT_4675 heparin lyase I [Bacteroides thetaiotaomicron VPI-5482]
Official Symbol	BT_4675
Synonyms	BT_4675
Gene ID	1.0734e+006
mRNA Refseq	
Protein Refseq	NP_813586.1
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