

Active Recombinant *B. theta*taomicron BT_4675 Protein, Met & His-tagged

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

SPECIFICATION

Product Overview	Recombinant <i>B. theta</i> taomicron BT_4675 (Accession # NP_813586) Met1-Arg376, fused with Met, 6-His tag and a fusion partner at the N-terminus, was produced in <i>E. coli</i> .
Species	<i>B.theta</i> taomicron
Source	<i>E.coli</i>
ProteinLength	Met1-Arg376
Predicted N Terminal	Met
Form	Supplied as a 0.2 µ 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 <i>B. theta</i> taomicron 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

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

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

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