Glycosyl Hydrolase Family 109 Protein 2 (Bt_4252) (BT_4252) Bacteroides Thetaiotaomicron Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glycosyl hydrolase family 109 protein 2 (BT_4252), Recombinant Protein
Full Product Name	Recombinant Bacteroides thetaiotaomicron Glycosyl hydrolase family 109 protein 2 (BT_4252)
Product Gene Name	BT_4252 recombinant protein
Product Synonym Gene Name	BT_4252
Sequence	MEDSPTQSHV LQLAHPPIPI VRIGIIGLGN RGLLTLQRYL QIEGTEIKAL SEIREGNLNK AQLILKEAKH PEATGYTGPG GWRKMCECND LDLIFICTDW LTHTPMATYA MECGKHVAIE VPAAMNIAEC WQLVDTAEKT RRHCIMLENC CYDPFALTTL EMARQGVLGE IMHVEGAYIH DLRSMYFAEE SEGGYHNHWG KRYSIEHTGN PYPTHGLGPA CQILDIHRND RMEYLVSMST HQAGMSEYAR KRFGENSPEA RQKYKLGDVN TTLIHTAKGK TIMLQYNVST PRPYSRLQTV CGTLGFAQKY PVPCIALDSH GDTPLEGEAL ETVLTRYKHP FSATIGEEAH RKGLPNEMNY VMDYRLIYCL RNGLPLDMDV YDAAEWSCIT ELSEKSVLNG SIPVEIPDFT RGVWKKHKH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	47,308 Da
Sequence Positions	1-419, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q89ZW9
Species	Bacteroides thetaiotaomicron (strain 29148 / DSM 2079 / 10582 / E50 / VPI-5482)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BT_4252 recombinant protein	MBS1349426 is a recombinant protein targeting BT_4252. Also known as Recombinant Bacteroides thetaiotaomicron Glycosyl hydrolase family 109 protein 2 (BT_4252). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BT_4252 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BT_4252. It may not necessarily be applicable to this product.

NCBI GI #	29349660
NCBI GeneID	1074082

NCBI Accession #	NP_813163.1
UniProt Primary Accession #	Q89ZW9
UniProt Related Accession #	Q89ZW9
GenBank Nucleotide #	NC_004663.1
NCBI Official Full Name	oxidoreductase
NCBI Official Symbol	BT_4252
UniProt Protein Name	Glycosyl hydrolase family 109 protein 2
UniProt Gene Name	BT_4252
NCBI Protein Information	oxidoreductase
UniProt Comments for BT_4252	Glycosidase.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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