Dethiobiotin Synthetase (BIO4) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dethiobiotin synthetase (BIO4), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Dethiobiotin synthetase (BIO4)
Product Gene Name	BIO4 recombinant protein
Sequence	MNSKSQQQEQ QPIVFVTGTD TDVGKTFVST LLVHKWKAAY WKPVQTGIES DQGDSETLKN FKIAASTWQP PIFTPTYALQ KPLSPLQAME YEPNVDIRLL DFVVPEEWSA ENPLVVEGAG GVCVPITRKL EITTDLIKHL IETSGHPVYV VVVARSGLGT LNHTLLTWNH LCDNGLRSHL FGVILNGEPN EGNVQALKKF GVNIMAQVAQ CTTAHDQDME LHELPSVESL MTQQDVE
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	26,257 Da
Sequence Positions	1-237, 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 P53630
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for BIO4 recombinant protein	MBS1236725 is a recombinant protein targeting BIO4. Also known as Recombinant Saccharomyces cerevisiae Dethiobiotin synthetase (BIO4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of BIO4 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 BIO4. It may not necessarily be applicable to this product.

NCBI GI #	6324385
NCBI GeneID	855794
NCBI Accession #	NP_014455.1
UniProt Primary Accession #	P53630
UniProt Secondary Accession #	D6W1N2
UniProt Related Accession #	P53630

GenBank Nucleotide #	NM_001183234.1
NCBI Official Full Name	dethiobiotin synthase
NCBI Official Symbol	BIO4
UniProt Protein Name	Dethiobiotin synthetase
UniProt Synonym Protein Names	Dethiobiotin synthase; DTBS
Protein Family	Dethiobiotin synthetase
UniProt Gene Name	BIO4
UniProt Synonym Gene Names	DTB synthetase; DTBS
NCBI Protein Information	dethiobiotin synthase
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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