Homoserine O-Acetyltransferase (metX) Pelodictyon Luteolum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homoserine O-acetyltransferase (metX), Recombinant Protein
Full Product Name	Recombinant Pelodictyon luteolum Homoserine O-acetyltransferase (metX)
Product Gene Name	metX recombinant protein
Product Synonym Gene Name	metX
Sequence	MNRGMKPINE LISPDTKHYS FTEPFQTELG ATLPSVEVAY RTWGTLNEAR DNVILICHAL TGSADADQWW GGLFGEGCGF DATRDFIICS NVLGSCYGTT GPLSPNPATG RHYGPDFPLI TIRDMVHVER HLLRHLGIER VKLVVGASLG GMQVLEWGAL YPEVALALMP MGISGRHSAW CIAQSEAQRQ AIMADALWKD GWYEEDAPPA RGLGAARMMA MCTYRSFRNF EEKFGRQRQE DGTFKAVSYM HHQGGRLVER FDANTYITLT RAMDMHDLGR GRSGYEEAVC AMTQPVEILS IDSDVLYPKS EQQELACLLP NSKILYLDEP YGHDAFLIDV ERVSRMVRDF LQAISRKG
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	40,034 Da
Sequence Positions	1-358, 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 Q3B5A5
Species	Pelodictyon luteolum (strain DSM 273) (Chlorobium luteolum (strain DSM 273))
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metX recombinant protein	MBS1307359 is a recombinant protein targeting metX. Also known as Recombinant Pelodictyon luteolum Homoserine O-acetyltransferase (metX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metX 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 metX. It may not necessarily be applicable to this product.

NCBI GI #	91207174
NCBI Accession #	Q3B5A5.1
UniProt Primary Accession #	Q3B5A5
NCBI Official Full Name	Homoserine O-acetyltransferase

UniProt Protein Name	Homoserine O-acetyltransferase
UniProt Synonym Protein Names	Homoserine transacetylase
UniProt Gene Name	metXA
UniProt Synonym Gene Names	HAT; HTA
UniProt Comments for metX	Transfers an acetyl group from acetyl-CoA to L-homoserine, forming acetyl-L-homoserine.
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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