Homoserine O-Succinyltransferase (metA) Brucella Canis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Homoserine O-succinyltransferase (metA), Recombinant Protein
Full Product Name	Recombinant Brucella canis Homoserine O-succinyltransferase (metA)
Product Gene Name	metA recombinant protein
Sequence	MPIKIPDDLP ATSVLEAEGV MVMREADAVR QDIRPLRIGL LNLMPNKVTT ETQIARLLGA TPLQVELTLV RMTNHVARHT PADHMLSFYC PWEEVNDQRF DGFVITGAPV ERLPFEEVTY WDEMRRVFDW TQSHVHRTLN ICWAAQAAVY HFHGMKKYDL PAKASGVFRQ RSLVPASPYL RGFSDDFAIP VSRWTEVRKS DIPADSGLKV LVDSTETGLC LLDDPRHRSL HMFNHVEYDT TSLADEYFRD IQVQPEAKVP VNYFPGDDAK RPPENRWRSH AHLLFGNWIN EMYQSTPYDI ERIGKV
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	35,245 Da
Sequence Positions	1-306, Full length
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 A9MBD0
Species	Brucella canis (strain 23365 / 10854)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for metA recombinant protein	MBS1164174 is a recombinant protein targeting metA. Also known as Recombinant Brucella canis Homoserine O-succinyltransferase (metA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of metA 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 metA. It may not necessarily be applicable to this product.

NCBI GI #	489056000
NCBI Accession #	WP_002966142.1
UniProt Primary Accession #	A9MBD0
GenBank Nucleotide #	WP_002966142.1
NCBI Official Full Name	MULTISPECIES: homoserine O-succinyltransferase
UniProt Protein Name	Homoserine O-acetyltransferase

UniProt Synonym Protein Names	Homoserine transacetylase
Protein Family	Homoserine O-succinyltransferase
UniProt Gene Name	metAA
UniProt Synonym Gene Names	HAT; HTA
UniProt Comments for metA	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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