Putative Pterin-4-Alpha-Carbinolamine Dehydratase (MB1191C) Mycobacterium Bovis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative pterin-4-alpha-carbinolamine dehydratase (Mb1191c), Recombinant Protein
Full Product Name	Recombinant Mycobacterium bovis Putative pterin-4-alpha-carbinolamine dehydratase (Mb1191c)
Product Gene Name	Mb1191c recombinant protein
Sequence	MAVLTDEQVD AALHDLNGWQ RAGGVLRRSI KFPTFMAGID AVRRVAERAE EVNHHPDIDI RWRTVTFALV THAVGGITEN DIAMAHDIDA MFGA
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	10,380 Da
Sequence Positions	1-94, 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 P0A5S3
Species	Mycobacterium bovis
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mb1191c recombinant protein	MBS1250952 is a recombinant protein targeting Mb1191c. Also known as Recombinant Mycobacterium bovis Putative pterin-4-alpha-carbinolamine dehydratase (Mb1191c). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mb1191c 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 Mb1191c. It may not necessarily be applicable to this product.

NCBI GI #	31792353
NCBI GeneID	1090483
NCBI Accession #	NP_854846.1
UniProt Primary Accession #	P0A5S3
UniProt Secondary Accession #	P58241; A0A1R3XZM0; X2BH61

GenBank Nucleotide #	NC_002945.3
NCBI Official Full Name	pterin-4-alpha-carbinolamine dehydratase
UniProt Protein Name	Putative pterin-4-alpha-carbinolamine dehydratase
Protein Family	Putative pterin-4-alpha-carbinolamine dehydratase
UniProt Gene Name	BQ2027_MB1191C
UniProt Synonym Gene Names	PHS
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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