Probable 5-Dehydro-4-Deoxyglucarate Dehydratase (Meso_1947) (Meso_1947) Mesorhizobium Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable 5-dehydro-4-deoxyglucarate dehydratase (Meso_1947), Recombinant Protein
Full Product Name	Recombinant Mesorhizobium sp. Probable 5-dehydro-4-deoxyglucarate dehydratase (Meso_1947)
Product Gene Name	Meso_1947 recombinant protein
Product Synonym Gene Name	Meso_1947
Sequence	MEPQDLKTVL GAGLLSFPVT PFGPDGGFNE AVYREHVGWL ASFEAAALFA AGGTGEFFSL APDEIPAIVR AAKAAAGNTP IISGCGHGTE VAISIAKAAE KAGADGILLL PHYLIDAPQA GLYNHIKRVC DSIGIGVMVY NRDNSILQAD TLKRLCDVCP NLVGFKDGSG ELGLVRQISA TMGDRLTYLG GMPTAELFAE AYLAAGFTTY SSAVFNFVPE LAVRFYKALR AGRRAECETL LKDFFYPFMA IRNRSKGYAV AAIKAGVRLR GYDAGPVRSP LVDLTSEEMD MMASLMASVD R
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	32,061 Da
Sequence Positions	1-301, 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 Q11GY5
Species	Mesorhizobium sp. (strain BNC1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Meso_1947 recombinant protein	MBS1350395 is a recombinant protein targeting Meso_1947. Also known as Recombinant Mesorhizobium sp. Probable 5-dehydro-4-deoxyglucarate dehydratase (Meso_1947). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Meso_1947 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 Meso_1947. It may not necessarily be applicable to this product.

NCBI GI #	499900548
NCBI Accession #	WP_011581282.1
UniProt Primary Accession #	Q11GY5

GenBank Nucleotide #	WP_011581282.1
NCBI Official Full Name	5-dehydro-4-deoxyglucarate dehydratase
UniProt Protein Name	Probable 5-dehydro-4-deoxyglucarate dehydratase
UniProt Synonym Protein Names	5-keto-4-deoxy-glucarate dehydratase
UniProt Gene Name	Meso_1947
UniProt Synonym Gene Names	KDGDH
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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