1,4-Dihydroxy-2-Naphthoyl-Coa Hydrolase (Syncc9605_2435) (Syncc9605_2435) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	1,4-dihydroxy-2-naphthoyl-CoA hydrolase (Syncc9605_2435), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. 1,4-dihydroxy-2-naphthoyl-CoA hydrolase (Syncc9605_2435)
Product Gene Name	Syncc9605_2435 recombinant protein
Product Synonym Gene Name	Syncc9605_2435
Sequence	MTSAPWLELS RTVRFSDTDA AGVMHFQQLL GWCHQAWEES LERYGLTAGS VFPGGRREQP SVALPIVHCH ADYRAPVQVG DKLLIRLKPE RLDPSSFVVN SQVLLNEQLV ASGCLRHVAI DANSRRRCAL PDGVDRWLEA SSLGRIQPL
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	16,599 Da
Sequence Positions	1-149, 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 Q3AGW5
Species	Synechococcus sp. (strain CC9605)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Syncc9605_2435 recombinant protein	MBS1348252 is a recombinant protein targeting Syncc9605_2435. Also known as Recombinant Synechococcus sp. 1,4-dihydroxy-2-naphthoyl-CoA hydrolase (Syncc9605_2435). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Syncc9605_2435 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 Syncc9605_2435. It may not necessarily be applicable to this product.

NCBI GI #	499684629
NCBI Accession #	WP_011365363.1
UniProt Primary Accession #	Q3AGW5
GenBank Nucleotide #	WP_011365363.1

NCBI Official Full Name	1,4-dihydroxy-2-naphthoyl-CoA hydrolase
UniProt Protein Name	1,4-dihydroxy-2-naphthoyl-CoA hydrolase
UniProt Synonym Protein Names	DHNA-CoA thioesterase
UniProt Gene Name	Syncc9605_2435
UniProt Synonym Gene Names	DHNA-CoA hydrolase
UniProt Comments for Syncc9605_2435	Catalyzes the hydrolysis of 1,4-dihydroxy-2-naphthoyl-CoA (DHNA-CoA) to 1,4-dihydroxy-2-naphthoate (DHNA), a reaction involved in phylloquinone (vitamin K1) biosynthesis.
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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