Holo-[Acyl-Carrier-Protein] Synthase (acpS) Streptococcus Mutans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Holo-[acyl-carrier-protein] synthase (acpS), Recombinant Protein
Full Product Name	Recombinant Streptococcus mutans Holo-[acyl-carrier-protein] synthase (acpS)
Product Gene Name	acpS recombinant protein
Product Synonym Gene Name	acpS
Sequence	MIIGHGIDLQ DIAAVQRAHE RSSRFASKVL TFKELEIFTS LKGRRQVEYL AGRWAAKEAF SKAYGSGIGS LRFQDLEILA NNKGAPIFTK SPFSGNIFIS ISHSKNYVEA SVILEENNL
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	13,218 Da
Sequence Positions	1-119, 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 Q8DSF3
Species	Streptococcus mutans
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for acpS recombinant protein	MBS1283704 is a recombinant protein targeting acpS. Also known as Recombinant Streptococcus mutans Holo-[acyl-carrier-protein] synthase (acpS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of acpS 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 acpS. It may not necessarily be applicable to this product.

NCBI GI #	24380197
NCBI GeneID	1029048
NCBI Accession #	NP_722152.1
UniProt Primary Accession #	Q8DSF3
UniProt Related Accession #	Q8DSF3
GenBank Nucleotide #	NC_004350.2

NCBI Official Full Name	4'-phosphopantetheinyl transferase
NCBI Official Symbol	acpS
UniProt Protein Name	Holo-[acyl-carrier-protein] synthase
UniProt Synonym Protein Names	4'-phosphopantetheinyl transferase AcpS
Protein Family	Holo-[acyl-carrier-protein] synthase
UniProt Gene Name	acpS
UniProt Synonym Gene Names	Holo-ACP synthase
NCBI Protein Information	4'-phosphopantetheinyl transferase
UniProt Comments for acpS	Transfers the 4'-phosphopantetheine moiety from coenzyme A to a Ser of acyl-carrier-protein.
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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