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

PRODUCT OVERVIEW

Product Name	Holo-[acyl-carrier-protein] synthase (acpS), Recombinant Protein
Full Product Name	Recombinant Campylobacter jejuni subsp. jejuni serotype O:2 Holo-[acyl-carrier-protein] synthase (acpS)
Product Gene Name	acpS recombinant protein
Product Synonym Gene Name	acpS
Sequence	MRVGCDIIAI SRIEKIHSRH GKNFLDKFLN PKEQILIKNP ATLAGLWAAK EAASKALGVG ICELCSFFDI EISKDEKNAP KLKYSQKITK DFNITQTSLS ISHDNGFAIA IVAVV
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	12,658 Da
Sequence Positions	1-115, 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 Q9PMP8
Species	Campylobacter jejuni subsp. jejuni serotype O:2 (strain 11168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for acpS recombinant protein	MBS1350270 is a recombinant protein targeting acpS. Also known as Recombinant Campylobacter jejuni subsp. jejuni serotype O:2 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 #	488946864
NCBI GeneID	905698
NCBI Accession #	WP_002857939.1
UniProt Primary Accession #	Q9PMP8
UniProt Secondary Accession #	Q0P8K5
UniProt Related Accession #	Q9PMP8

GenBank Nucleotide #	WP_002857939.1
NCBI Official Full Name	holo-ACP synthase
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	holo-ACP synthase
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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