Acyl Carrier Protein (acpP) Lactococcus Lactis Subsp. Lactis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acyl carrier protein (acpP), Recombinant Protein
Full Product Name	Recombinant Lactococcus lactis subsp. lactis Acyl carrier protein (acpP)
Product Gene Name	acpP recombinant protein
Product Synonym Gene Name	acpP
Sequence	MAVFEKVQDI IVDELGKEKE EVTLETSFEE LDADSLDLFQ IINDIEDEFD VEVDTEADMK TVADLVKYVE NNK
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	8,401 Da
Sequence Positions	1-73, 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 Q9CHF9
Species	Lactococcus lactis subsp. lactis (strain IL1403) (Streptococcus lactis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for acpP recombinant protein	MBS1436130 is a recombinant protein targeting acpP. Also known as Recombinant Lactococcus lactis subsp. lactis Acyl carrier protein (acpP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of acpP 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 acpP. It may not necessarily be applicable to this product.

NCBI GI #	15672754
NCBI GeneID	1114399
NCBI Accession #	NP_266928.1
UniProt Primary Accession #	Q9CHF9
UniProt Related Accession #	Q9CHF9
GenBank Nucleotide #	NC_002662.1
NCBI Official Full Name	acyl carrier protein

NCBI Official Symbol	acpP
UniProt Protein Name	Acyl carrier protein
Protein Family	Acyl carrier protein
UniProt Gene Name	acpP
UniProt Synonym Gene Names	ACP
NCBI Protein Information	acyl carrier protein
UniProt Comments for acpP	Carrier of the growing fatty acid chain in fatty acid biosynthesis.
Research Articles on acpP	**1.** analysis of acyl carrier protein conserved modular elements and their roles in lipid synthesis
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