4'-Phosphopantetheinyl Transferase Acpt (acpT) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	4'-phosphopantetheinyl transferase AcpT (acpT), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi 4'-phosphopantetheinyl transferase AcpT (acpT)
Product Gene Name	acpT recombinant protein
Product Synonym Gene Name	acpT
Sequence	MYQIVLGKVS TLSAGQLPDA LIAQAPQGVR RASWLAGRVL LSRALSPLPE MVYGEQGKPA FSAGTPLWFN LSHSGDTIAL LLSDEGEVGC DIEVIRPRDN WRSLANAVFS LGEHAEMEAE RPERQLAAFW RIWTRKEAIV KQRGGSAWQI VSVDSTLPSA LSVSQCQLDT LSLAVCTPTP FTLTPQTITK AL
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	20,871 Da
Sequence Positions	1-192, 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 Q8Z259
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for acpT recombinant protein	MBS1424642 is a recombinant protein targeting acpT. Also known as Recombinant Salmonella typhi 4'-phosphopantetheinyl transferase AcpT (acpT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of acpT 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 acpT. It may not necessarily be applicable to this product.

NCBI GI #	16762721
NCBI GeneID	1250446
NCBI Accession #	NP_458338.1
UniProt Primary Accession #	Q8Z259
GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	4'-phosphopantetheinyl transferase

NCBI Official Symbol	STY4228
UniProt Protein Name	4'-phosphopantetheinyl transferase AcpT
Protein Family	4'-phosphopantetheinyl transferase
UniProt Gene Name	acpT
NCBI Protein Information	4'-phosphopantetheinyl transferase
UniProt Comments for acpT	May be involved in an alternative pathway for phosphopantetheinyl transfer and holo-ACP synthesis. The native apo-protein substrate is unknown.
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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