Probable Succinyl-Coa:3-Ketoacid-Coenzyme A Transferase Subunit B (scoB) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable succinyl-CoA:3-ketoacid-coenzyme A transferase subunit B (scoB), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Probable succinyl-CoA:3-ketoacid-coenzyme A transferase subunit B (scoB)
Product Gene Name	scoB recombinant protein
Sequence	MKEARKRMVK RAVQEIKDGM NVNLGIGMPT LVANEIPDGV HVMLQSENGL LGIGPYPLEG TEDADLINAG KETITEVTGA SYFDSAESFA MIRGGHIDLA ILGGMEVSEQ GDLANWMIPG KMVKGMGGAM DLVNGAKRIV VIMEHVNKHG ESKVKKTCSL PLTGQKVVHR LITDLAVFDF VNGRMTLTEL QDGVTIEEVY EKTEADFAVS QSVLNS
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	23,331 Da
Sequence Positions	1-216, 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 P42316
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for scoB recombinant protein	MBS1258489 is a recombinant protein targeting scoB. Also known as Recombinant Bacillus subtilis Probable succinyl-CoA:3-ketoacid-coenzyme A transferase subunit B (scoB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of scoB 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 scoB. It may not necessarily be applicable to this product.

NCBI GI #	16080949
NCBI GeneID	937453
NCBI Accession #	NP_391777.1
UniProt Primary Accession #	P42316
UniProt Related Accession #	P42316

GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	succinyl-CoA:3-ketoacid coenzyme A transferase subunit B
NCBI Official Symbol	scoB
UniProt Protein Name	Probable succinyl-CoA:3-ketoacid coenzyme A transferase subunit B
UniProt Synonym Protein Names	OXCT B; Succinyl-CoA:3-oxoacid CoA-transferase
Protein Family	Probable succinyl-CoA:3-ketoacid coenzyme A transferase
UniProt Gene Name	scoB
UniProt Synonym Gene Names	yxjE
NCBI Protein Information	succinyl-CoA:3-ketoacid coenzyme A transferase subunit B
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