2-Succinylbenzoate--Coa Ligase (menE) Listeria Monocytogenes Serotype 4b Recombinant Protein

PRODUCT OVERVIEW

Product Name	2-succinylbenzoate--CoA ligase (menE), Recombinant Protein
Full Product Name	Recombinant Listeria monocytogenes serotype 4b 2-succinylbenzoate--CoA ligase (menE)
Product Gene Name	menE recombinant protein
Product Synonym Gene Name	menE
Sequence	MTNWLQKRVR LSPKETALVF EGKEETFEEI SEAVKQLAGK LFALGIRKDE MVALLGKNDR MTFLLIHALQ QLGAVTLFLN NRLTKKEISF QLANAEVKHV IVADSLVDKV ATGISYATLA ETDYEAPALL ETWDLSRAAS VMYTSGTTGK PKGVVQTYEN HWWSAVASVL NLGLTEKDSW LCAVPIFHIS GLSIMMRSVI YGIPVYLEEH FDEEKITQLL ESGKISTISV VTSMLERLLK IHSGSYHPNV RTVLLGGGPA SKAVLEICKQ RDIPLVQSFG MTETASQIVT LPPKDALNKI GSSGKALFPA EVKIADDGEI LLKGPSITPG YLHNKKATEA SFVDGWFKTG DIGYLDEEGF LFVLERRSDL IISGGENIYP TEIEHVISEY EGVKEVAVIG KPDDKWGSVP VAFIVAEETF DEAELRLICE TNLAGYKIPK QITIVEKLPK TASGKIQRNK LKERHSM
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	51,595 Da
Sequence Positions	1-467, 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 Q71YZ5
Species	Listeria monocytogenes serotype 4b (strain F2365)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for menE recombinant protein	MBS1315054 is a recombinant protein targeting menE. Also known as Recombinant Listeria monocytogenes serotype 4b 2-succinylbenzoate--CoA ligase (menE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of menE 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 menE. It may not necessarily be applicable to this product.

NCBI GI #	60390034
NCBI Accession #	Q71YZ5.1
UniProt Primary Accession #	Q71YZ5

NCBI Official Full Name	2-succinylbenzoate--CoA ligase
UniProt Protein Name	2-succinylbenzoate--CoA ligase
UniProt Synonym Protein Names	o-succinylbenzoyl-CoA synthetase
Protein Family	2-succinylbenzoate--CoA ligase
UniProt Gene Name	menE
UniProt Synonym Gene Names	OSB-CoA synthetase
UniProt Comments for menE	Converts 2-succinylbenzoate (OSB) to 2-succinylbenzoyl-CoA (OSB-CoA).
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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