Lignostilbene-Alpha,beta-Dioxygenase Isozyme III (lsdB) Pseudomonas Paucimobilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Lignostilbene-alpha,beta-dioxygenase isozyme III (lsdB), Recombinant Protein
Full Product Name	Recombinant Pseudomonas paucimobilis Lignostilbene-alpha,beta-dioxygenase isozyme III (lsdB)
Product Gene Name	lsdB recombinant protein
Product Synonym Gene Name	lsdB
Sequence	AHFPDTSGMT GVLRPLRIEG DILDLEVEGE IPAQLDGTFH RVHPDAQFPP RFEDDQFFNG DGMVSLFRFH DGKIDFRQRY AQTDKWKVER KAGKSLFGAY RNPLTDDASV QGMIRGTANT NVMVHAGKLY AMKEDSPCLI MDPLTLETEG YTNFDGKLKN QTFSAHAKID PVTGNFCNFG YAATGLLTTD CSYFEIDPAG NLLFETEFQV PYYCMMHDYG LTEHYAIFHI VPCSPNWDRL KAGLPHFGFD TTLPVWLGVV PRGPGVTNKD VRWFKAPKTI FASHVMNAFE EGSKIHFDTP QAENNAFPFF PDIHGAPFDP VAARPYLHRW TVDLGSNSED FAEVRQLTSW IDEFPRVDAR YVGQPYRHGW GLVMDPEMEM EFARGRASGF KMNRIGHWDH ATGKEDSWWC GPQSIIQEPC FVPRMADSAE GDGYIIALVD NLITNYSDLV VLDALNLKDG PIGRAKLPIR LRSGLHGNWA DASKLPIAA
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	55,126 Da
Sequence Positions	2-490, 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 Q52008
Species	Pseudomonas paucimobilis (Sphingomonas paucimobilis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lsdB recombinant protein	MBS1470908 is a recombinant protein targeting lsdB. Also known as Recombinant Pseudomonas paucimobilis Lignostilbene-alpha,beta-dioxygenase isozyme III (lsdB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lsdB 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 lsdB. It may not necessarily be applicable to this product.

NCBI GI #	75348638
NCBI Accession #	Q52008.1
UniProt Primary Accession #	Q52008

NCBI Official Full Name	Lignostilbene-alpha,beta-dioxygenase isozyme III
UniProt Protein Name	Lignostilbene-alpha,beta-dioxygenase isozyme III
Protein Family	Lignostilbene-alpha,beta-dioxygenase
UniProt Gene Name	lsdB
UniProt Synonym Gene Names	LSD-III
UniProt Comments for lsdB	Catalyzes the cleavage of the interphenyl double bond (C alpha-C beta) of lignin-derived polyphenolic diaryl-propane type compounds (Stilbene).
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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