Linoleoyl-Coa Desaturase (des6) Synechocystis Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Linoleoyl-CoA desaturase (des6), Recombinant Protein
Full Product Name	Recombinant Synechocystis sp. Linoleoyl-CoA desaturase (des6)
Product Gene Name	des6 recombinant protein
Product Synonym Gene Name	des6
Sequence	MLTAERIKFT QKRGFRRVLN QRVDAYFAEH GLTQRDNPSM YLKTLIIVLW LFSAWAFVLF APVIFPVRLL GCMVLAIALA AFSFNVGHDA NHNAYSSNPH INRVLGMTYD FVGLSSFLWR YRHNYLHHTY TNILGHDVEI HGDGAVRMSP EQEHVGIYRF QQFYIWGLYL FIPFYWFLYD VYLVLNKGKY HDHKIPPFQP LELASLLGIK LLWLGYVFGL PLALGFSIPE VLIGASVTYM TYGIVVCTIF MLAHVLESTE FLTPDGESGA IDDEWAICQI RTTANFATNN PFWNWFCGGL NHQVTHHLFP NICHIHYPQL ENIIKDVCQE FGVEYKVYPT FKAAIASNYR WLEAMGKAS
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	41,425 Da
Sequence Positions	1-359, Full length
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 Q08871
Species	Synechocystis sp. (strain PCC 6803 / Kazusa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for des6 recombinant protein	MBS1436064 is a recombinant protein targeting des6. Also known as Recombinant Synechocystis sp. Linoleoyl-CoA desaturase (des6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of des6 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 des6. It may not necessarily be applicable to this product.

NCBI GI #	2494060
NCBI Accession #	Q08871.1
UniProt Primary Accession #	Q08871
NCBI Official Full Name	Acyl-CoA 6-desaturase

UniProt Protein Name	Acyl-CoA 6-desaturase
UniProt Synonym Protein Names	Delta(6)-desaturase; Linoleoyl-CoA desaturase
Protein Family	Acyl-CoA 6-desaturase
UniProt Gene Name	des6
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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