Cytochrome B (soxC) Sulfolobus Acidocaldarius Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cytochrome b (soxC), Recombinant Protein
Full Product Name	Recombinant Sulfolobus acidocaldarius Cytochrome b (soxC), partial
Product Gene Name	soxC recombinant protein
Sequence	MLVEEKKSGI IDSILERLGI NEAPLFRTPD YMYNISYWLG AMVAASFAYT IITGLFLLLY YQPAFAYQST QTIINSVPYG SVLLFSHLYG SYIMILLAYI HMFRNFYKGA YKKPRELQWV TGVLLLALTL GASFFGYSLV SDVLGVNAID IGDQLLVGTG IPGATAIVGW LFGPGGSAAL SSNPLVRSEL FDRLLGWHII MVFLLGVLFL FHFMLSERYG MTPATREKPK VPSYYTKEEQ EKFNPWWPRN FVYMLSIVLI TWGIILFVPN LLANINGLPI VINPYPAPQA GSPQAVSVQP YPPWFFLFLF KLVDFLLPNG IPITPILTIA LLVVGLVILM LLPFLDPSDS LYVTRRKFWT WIMTTLAVYL VELSVWGYLE PGVPEPTSAQ IEFLGPPLVI IGIIVYLWPT ERKTKTVSTT ATDSRVIKMN ITPMEILLGA VGTLSFAATL FNFIQFPTLI NGIILVPLGL FAIYALRRIS FYVLGGKPVA SVGNTSSRIS LRKKIAFFGI IALFVVSLVL LGLMWTLPSV GPQATYAGMD LGVILLLWGV AIQLYHYEIF VKE
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	62,787 Da
Sequence Positions	1-563
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 P39480
Species	Sulfolobus acidocaldarius (strain 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for soxC recombinant protein	MBS1251029 is a recombinant protein targeting soxC. Also known as Recombinant Sulfolobus acidocaldarius Cytochrome b (soxC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of soxC 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 soxC. It may not necessarily be applicable to this product.

NCBI GI #	505198663
NCBI Accession #	WP_015385765.1
UniProt Primary Accession #	P39480
UniProt Secondary Accession #	Q4J750

GenBank Nucleotide #	WP_015385765.1
NCBI Official Full Name	cytochrome b
UniProt Protein Name	Cytochrome b
Protein Family	Dibenzothiophene desulfurization enzyme
UniProt Gene Name	soxC
UniProt Comments for soxC	Binds 2 heme groups (b586 and b606) which are not covalently bound to the protein.
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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