Protein Fixc (fixC) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein fixC (fixC), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Protein fixC (fixC)
Product Gene Name	fixC recombinant protein
Product Synonym Gene Name	fixC
Sequence	MSEDIFDAII VGAGLAGSVA ALVLAREGAQ VLVIERGNSA GAKNVTGGRL YAHSLERIIP GFADQAPIER MITHEKLAFM TDNGAMTIDY CNGEDASASQ VSYSVLRSKF DAWLMEQAEE AGAQLITGIR VDNVVQRDGK VVGVEADGDI LEAKVVILAD GVNSLLAEKL GMTKRVEASH VAVGVKELIE LPKLVIEDRF QLQGNEGAAC LFAGAPTDGL MGGGFLYTNE TTLSLGLVCG LHHLKDAKKS VPQMLEDFKQ HPAVAPLIAG GKLVEYAAHV VPEAGMNMQP ELVGDGVLIA GDAAGMCMNL GFTIRGMDLA ISAGEAAAKT VLSAMKRDDF SKQSLGEYRQ HLDEGPMRDM RMYQKLPAFL DNPRMFTAYP EMAVNIARDL FTVDGSAPVP MRKKILRHAK KVGFINLMKD GLKGVTVL
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	45,770 Da
Sequence Positions	1-428, 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 Q8ZRW9
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fixC recombinant protein	MBS1350565 is a recombinant protein targeting fixC. Also known as Recombinant Salmonella typhimurium Protein fixC (fixC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fixC 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 fixC. It may not necessarily be applicable to this product.

NCBI GI #	16763467
NCBI GeneID	1251595
NCBI Accession #	NP_459082.1
UniProt Primary Accession #	Q8ZRW9

UniProt Related Accession #	Q8ZRW9
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	oxidoreductase
NCBI Official Symbol	fixC
UniProt Protein Name	Protein FixC
Protein Family	Protein
UniProt Gene Name	fixC
NCBI Protein Information	oxidoreductase
UniProt Comments for fixC	Could be part of an electron transfer system required for anaerobic carnitine reduction.
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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