Protein Fixa (fixA) Rhizobium Meliloti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein fixA (fixA), Recombinant Protein
Full Product Name	Recombinant Rhizobium meliloti Protein fixA (fixA)
Product Gene Name	fixA recombinant protein
Sequence	MHLVVCIKQV PDSAQIRVHP VTNTIMRQGV PTIINPHDLA ALEEALKLCD TYGGEVTVVT MGPKMAEDAL RKALTFGAHR AVLLTDRHFA GSDTLATSFA LAQAIAEIGE TFGTPDVVFT GKQTIDGDTA QVGPGIAKRL DLQQLTYVAK ILSIDAASRE ITVERRAEGG SQILRTGLPC LVTMLDGADA IRRGRLDDAL RAARTKVVKW SAADAGIAEP ANCGLRGSPT VVKRVFAPTS REQKARQIDT TNKPLREIAD GLIAAIFADR PALKHDLGST GQQGAPDVDR ES
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	31,147 Da
Sequence Positions	1-292, 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 P09818
Species	Rhizobium meliloti (strain 1021) (Ensifer meliloti) (Sinorhizobium meliloti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for fixA recombinant protein	MBS1218465 is a recombinant protein targeting fixA. Also known as Recombinant Rhizobium meliloti Protein fixA (fixA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of fixA 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 fixA. It may not necessarily be applicable to this product.

NCBI GI #	16262900
NCBI GeneID	1235483
NCBI Accession #	NP_435693.1
UniProt Primary Accession #	P09818
UniProt Related Accession #	P09818
GenBank Nucleotide #	NC_003037.1

NCBI Official Full Name	FixA electron transfer flavoprotein beta chain (plasmid)
NCBI Official Symbol	fixA
UniProt Protein Name	Protein FixA
Protein Family	Protein
UniProt Gene Name	fixA
NCBI Protein Information	FixA electron transfer flavoprotein beta chain
UniProt Comments for fixA	May play a role in a redox process involved in nitrogen fixation.
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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