Probable Fe (2+)-Trafficking Protein (Spro_4044) Serratia Proteamaculans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable Fe (2+)-trafficking protein (Spro_4044), Recombinant Protein
Full Product Name	Recombinant Serratia proteamaculans Probable Fe (2+)-trafficking protein
Product Gene Name	Spro_4044 recombinant protein
Sequence	MSRTIFCTFL QRDAEGQDFQ LYPGEVGKRI YNEISKEAWA EWMKKQTMLI NEKKLNMMNV DDRKLLEGEM IKFLFEGHDV HIEGYTPPSE
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	10,676 Da
Sequence Positions	1-90, 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 A8GJ49
Species	Serratia proteamaculans (strain 568)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Spro_4044 recombinant protein	MBS1253661 is a recombinant protein targeting Spro_4044. Also known as Recombinant Serratia proteamaculans Probable Fe (2+)-trafficking protein. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Spro_4044 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 Spro_4044. It may not necessarily be applicable to this product.

NCBI GI #	501096711
NCBI Accession #	WP_012146746.1
UniProt Primary Accession #	A8GJ49
GenBank Nucleotide #	WP_012146746.1
NCBI Official Full Name	MULTISPECIES: Fe(2+)-trafficking protein
UniProt Protein Name	Probable Fe(2+)-trafficking protein

Protein Family	Probable Fe(2+)-trafficking protein
UniProt Gene Name	Spro_4044
UniProt Comments for Spro_4044	Could be a mediator in iron transactions between iron acquisition and iron-requiring processes, such as synthesis and/or repair of Fe-S clusters in biosynthetic enzymes.
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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