Protein Hfq (hfq) Shewanella Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein hfq (hfq), Recombinant Protein
Full Product Name	Recombinant Shewanella sp. Protein hfq (hfq)
Product Gene Name	hfq recombinant protein
Product Synonym Gene Name	hfq
Sequence	MAKGQSLQDP FLNALRRERV PVSIYLVNGI KLQGQVESFD QFVILLKNTV SQMVYKHAIS TVVPARPFNV AGHQNAQGGY GAQDDMPSGE
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	9,873 Da
Sequence Positions	1-90, 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 Q0HR42
Species	Shewanella sp. (strain MR-7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for hfq recombinant protein	MBS1401204 is a recombinant protein targeting hfq. Also known as Recombinant Shewanella sp. Protein hfq (hfq). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of hfq 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 hfq. It may not necessarily be applicable to this product.

NCBI GI #	499383364
NCBI Accession #	WP_011070934.1
UniProt Primary Accession #	Q0HR42
GenBank Nucleotide #	WP_011070934.1
NCBI Official Full Name	MULTISPECIES: RNA-binding protein Hfq
UniProt Protein Name	RNA-binding protein Hfq

Protein Family	RNA-binding protein
UniProt Gene Name	hfq
UniProt Comments for hfq	RNA chaperone that binds small regulatory RNA (sRNAs) and mRNAs to facilitate mRNA translational regulation in response to envelope stress, environmental stress and changes in metabolite concentrations. Also binds with high specificity to tRNAs.
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