Ribosome-Binding Factor A (rbfA) Shigella Dysenteriae Serotype 1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome-binding factor A (rbfA), Recombinant Protein
Full Product Name	Recombinant Shigella dysenteriae serotype 1 Ribosome-binding factor A (rbfA)
Product Gene Name	rbfA recombinant protein
Product Synonym Gene Name	rbfA
Sequence	MAKEFGRPQR VAQEMQKEIA LILQREIKDP RLGMMTTVSG VEMSRDLAYA KVYVTFLNDK DEDAVKAGIK ALQEASGFIR SLLGKAMRLR IVPELTFFYD NSLVEGMRMS NLVTSVVKHD EERRVNPDDS KED
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	15,154 Da
Sequence Positions	1-133, 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 Q32BG6
Species	Shigella dysenteriae serotype 1 (strain Sd197)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rbfA recombinant protein	MBS1383779 is a recombinant protein targeting rbfA. Also known as Recombinant Shigella dysenteriae serotype 1 Ribosome-binding factor A (rbfA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rbfA 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 rbfA. It may not necessarily be applicable to this product.

NCBI GI #	446962949
NCBI Accession #	WP_001040205.1
UniProt Primary Accession #	Q32BG6
GenBank Nucleotide #	WP_001040205.1
NCBI Official Full Name	MULTISPECIES: ribosome-binding factor A
UniProt Protein Name	Ribosome-binding factor A

Protein Family	Putative ribosome-binding factor
UniProt Gene Name	rbfA
UniProt Comments for rbfA	One of several proteins that assist in the late maturation steps of the functional core of the 30S ribosomal subunit. Associates with free 30S ribosomal subunits (but not with 30S subunits that are part of 70S ribosomes or polysomes). Required for efficient processing of 16S rRNA. May interact with the 5'-terminal helix region of 16S rRNA.
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