Ribosome-Binding Factor A (rbfA) Clostridium Botulinum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome-binding factor A (rbfA), Recombinant Protein
Full Product Name	Recombinant Clostridium botulinum Ribosome-binding factor A (rbfA)
Product Gene Name	rbfA recombinant protein
Sequence	MAKYRAGRIN EEVKKEVSNI IHNDIKDPRL SAMVSVTDVN VTKDLKYAKV YVSIFGNEKA KEESLEALKS SVGFIRKEVG RRVKLRNTPE VIIEVDNSIE RGMHIDELLH SIKENESNDN
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	13,683 Da
Sequence Positions	1-120, 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 A5I4J2
Species	Clostridium botulinum (strain Hall / 3502 / 13319 / Type A)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rbfA recombinant protein	MBS1011077 is a recombinant protein targeting rbfA. Also known as Recombinant Clostridium botulinum 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 #	500751738
NCBI Accession #	WP_011986791.1
UniProt Primary Accession #	A5I4J2
UniProt Secondary Accession #	A7G5P3
GenBank Nucleotide #	WP_011986791.1
NCBI Official Full Name	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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