Elongation Factor Tu (tufA) Ralstonia Solanacearum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor Tu (tufA), Recombinant Protein
Full Product Name	Recombinant Ralstonia solanacearum Elongation factor Tu (tufA)
Product Gene Name	tufA recombinant protein
Product Synonym Gene Name	tufA
Sequence	MAKEKFERTK PHVNVGTIGH VDHGKTTLTA AIATVLSSKF GGEAKKYDEI DAAPEEKARG ITINTAHIEY ETANRHYAHV DCPGHADYVK NMITGAAQMD GAILVCSAAD GPMPQTREHI LLARQVGVPY IIVFLNKCDM VDDAELLELV EMEVRELLSK YDFPGDDTPI IKGSAKLALE GDKGELGEVA IMNLADALDS YIPTPERAVD GTFLMPVEDV FSISGRGTVV TGRIERGIIK VGEEIEIVGI KATQKTTCTG VEMFRKLLDQ GQAGDNVGIL LRGTKREDVE RGQVLCKPGS IKPHTHFTGE VYILSKDEGG RHTPFFNNYR PQFYFRTTDV TGSIELPKDK EMVMPGDNVS ITVKLIAPIA MEEGLRFAIR EGGRTVGAGV VAKIIE
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	43,167 Da
Sequence Positions	1-396, 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 Q8XGZ0
Species	Ralstonia solanacearum (strain GMI1000) (Pseudomonas solanacearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for tufA recombinant protein	MBS1333878 is a recombinant protein targeting tufA. Also known as Recombinant Ralstonia solanacearum Elongation factor Tu (tufA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of tufA 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 tufA. It may not necessarily be applicable to this product.

NCBI GI #	499312143
NCBI Accession #	WP_011002918.1
UniProt Primary Accession #	Q8XGZ0
GenBank Nucleotide #	WP_011002918.1

NCBI Official Full Name	elongation factor Tu
UniProt Protein Name	Elongation factor Tu
Protein Family	Elongation factor
UniProt Gene Name	tufA
UniProt Synonym Gene Names	EF-Tu
UniProt Comments for tufA	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.
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