Elongation Factor Ts, Mitochondrial (Pc000299.03.0) (PC000299.03.0) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Elongation factor Ts, mitochondrial (PC000299.03.0), Recombinant Protein
Full Product Name	Recombinant Elongation factor Ts, mitochondrial (PC000299.03.0)
Product Gene Name	PC000299.03.0 recombinant protein
Product Synonym Names	Elongation factor Ts, mitochondrial; EF-Ts; EF-TsMt
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	43,825 Da
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 Q4XUG7
Species	Plasmodium chabaudi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PC000299.03.0 recombinant protein	MBS1313966 is a recombinant protein targeting PC000299.03.0. Also known as Recombinant Elongation factor Ts, mitochondrial (PC000299.03.0). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PC000299.03.0 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 PC000299.03.0. It may not necessarily be applicable to this product.

NCBI GI #	70947821
NCBI GeneID	3496593
NCBI Accession #	XP_743489.1
UniProt Primary Accession #	Q4XUG7
GenBank Nucleotide #	XM_738396.1
NCBI Official Full Name	elongation factor (EF-TS)
NCBI Official Symbol	PC000299.03.0
UniProt Protein Name	Elongation factor Ts, mitochondrial

UniProt Gene Name	PC000299.03.0
UniProt Synonym Gene Names	EF-Ts; EF-TsMt
UniProt Entry Name	EFTS_PLACH
NCBI Protein Information	elongation factor (EF-TS)
UniProt Comments for PC000299.03.0	Associates with the EF-Tu.GDP complex and induces the exchange of GDP to GTP. It remains bound to the aminoacyl-tRNA.EF-Tu.GTP complex up to the GTP hydrolysis stage on the ribosome.
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