Glutamyl-Trna (Gln) Amidotransferase Subunit F, Mitochondrial (Yali0b23386g) (YALI0B23386g) Yarrowia Lipolytica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutamyl-tRNA (Gln) amidotransferase subunit F, mitochondrial (YALI0B23386g), Recombinant Protein
Full Product Name	Recombinant Yarrowia lipolytica Glutamyl-tRNA (Gln) amidotransferase subunit F, mitochondrial (YALI0B23386g)
Product Gene Name	YALI0B23386g recombinant protein
Product Synonym Names	Glutamyl-tRNA(Gln) amidotransferase subunit F, mitochondrial; Glu-AdT subunit F; EC=6.3.5.-
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	19,683 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 Q6CDJ8
Species	Yarrowia lipolytica (strain CLIB 122 / E 150) (Yeast) (Candida lipolytica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for YALI0B23386g recombinant protein	MBS1355812 is a recombinant protein targeting YALI0B23386g. Also known as Recombinant Yarrowia lipolytica Glutamyl-tRNA (Gln) amidotransferase subunit F, mitochondrial (YALI0B23386g). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of YALI0B23386g 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 YALI0B23386g. It may not necessarily be applicable to this product.

NCBI GI #	50547589
NCBI GeneID	2906853
NCBI Accession #	XP_501264.1
UniProt Primary Accession #	Q6CDJ8
UniProt Related Accession #	Q6CDJ8
GenBank Nucleotide #	XM_501264.1
NCBI Official Full Name	YALI0B23386p

NCBI Official Symbol	YALI0B23386g
UniProt Protein Name	Glutamyl-tRNA(Gln) amidotransferase subunit F, mitochondrial
UniProt Gene Name	GTF1
UniProt Synonym Gene Names	Glu-AdT subunit F
UniProt Entry Name	GATF_YARLI
NCBI Protein Information	YALI0B23386p
UniProt Comments for YALI0B23386g	Allows the formation of correctly charged Gln-tRNA(Gln) through the transamidation of misacylated Glu-tRNA(Gln) in the mitochondria. The reaction takes place in the presence of glutamine and ATP through an activated gamma-phospho-Glu-tRNA(Gln). Required for proper protein synthesis within the mitochondrion.
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