Gtpase Era (era) Thermotoga Petrophila Recombinant Protein

PRODUCT OVERVIEW

Product Name	GTPase Era (era), Recombinant Protein
Full Product Name	Recombinant Thermotoga petrophila GTPase Era (era)
Product Gene Name	era recombinant protein
Product Synonym Gene Name	era; Tpet_0080
Product Synonym Names	GTPase Era
Sequence	MSIKSGFVAL AGKPNVGKST FINVVMGRKV VIVSDKPQTT RNRINCIYTD RDSQIIFVDT PGIHKPLHRL GEYMVKAAVQ ALKGVDLILF MLDAADGFTK TDEHVAKIVS ESGTKTIIAV NKIDVAGEEK AKAVGQLAKS MVENVVSVHY ISALKGEGVF EVLEKIKEEL PEGPQYYPED MVTDRPLSFM AAEIIREKIF HLTRQEVPHS TAVVIEEIKD RPNGVLYIRA NIYVERDSQK GILIGKNGSM IKKIGTLARE ELEFLVGRKV YLDLNVKVKE NWREKDFIIL QEIGLKDDIK
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	33,563 Da
Sequence Positions	1-300aa; 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 A5IIT6
Species	Thermotoga petrophila (strain RKU-1 / BAA-488 / DSM 13995)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for era recombinant protein	MBS1230422 is a recombinant protein targeting era. Also known as Recombinant Thermotoga petrophila GTPase Era (era). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of era 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 era. It may not necessarily be applicable to this product.

NCBI GI #	500478601
NCBI GeneID	5170426
NCBI Accession #	WP_011942783.1
UniProt Primary Accession #	A5IIT6

UniProt Related Accession #	A5IIT6
GenBank Nucleotide #	WP_011942783.1
NCBI Official Full Name	GTPase Era
NCBI Official Symbol	era
UniProt Protein Name	GTPase Era
Protein Family	GTPase
UniProt Gene Name	era
UniProt Entry Name	ERA_THEP1
NCBI Protein Information	GTP-binding protein Era
UniProt Comments for era	An essential GTPase that binds both GDP and GTP, with rapid nucleotide exchange. Plays a role in 16S rRNA processing and 30S ribosomal subunit biogenesis and possibly also in cell cycle regulation and energy metabolism.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/gtpase-era-era/1230422