GTP Cyclohydrolase 1 (folE) Sulfolobus Tokodaii Recombinant Protein

PRODUCT OVERVIEW

Product Name	GTP cyclohydrolase 1 (folE), Recombinant Protein
Full Product Name	Recombinant Sulfolobus tokodaii GTP cyclohydrolase 1 (folE)
Product Gene Name	folE recombinant protein
Product Synonym Gene Name	folE
Sequence	MEETLNQEKM VEEIAKRIRE ILEILGENPD REGLRETPLR VARALLEMTS GLRTPQPQIK TFNLSEDGIS EVEDQIILVK NIGFSSLCEH HLLPIIGKVH VAYIVGQERK VAGFSKIIRI VNYYASRPQI QERLVQQIAD AIMNSDIHPK GVMVIGDALH MCAYVRGVKD REASLLSVAT RGLFKNNVSL RNYVFRLLET SKKTSLL
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	23,434 Da
Sequence Positions	1-207, 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 Q971G9
Species	Sulfolobus tokodaii (strain DSM 16993 / JCM 10545 / NBRC 100140 / 7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for folE recombinant protein	MBS1427163 is a recombinant protein targeting folE. Also known as Recombinant Sulfolobus tokodaii GTP cyclohydrolase 1 (folE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of folE 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 folE. It may not necessarily be applicable to this product.

NCBI GI #	919521100
NCBI Accession #	WP_052846960.1
UniProt Primary Accession #	Q971G9
UniProt Secondary Accession #	F9VP43
GenBank Nucleotide #	WP_052846960.1
NCBI Official Full Name	GTP cyclohydrolase I FolE

UniProt Protein Name	GTP cyclohydrolase 1
UniProt Synonym Protein Names	GTP cyclohydrolase I
UniProt Gene Name	folE
UniProt Synonym Gene Names	GTP-CH-I
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