GTP Cyclohydrolase 1 (folE) Bifidobacterium Longum Recombinant Protein

PRODUCT OVERVIEW

Product Name	GTP cyclohydrolase 1 (folE), Recombinant Protein
Full Product Name	Recombinant Bifidobacterium longum GTP cyclohydrolase 1 (folE)
Product Gene Name	folE recombinant protein
Product Synonym Gene Name	folE
Sequence	MNEYIESCHR EKHTYDEEGV REAVRLFLKS IGEDPEREGL VETPDRIARA CRELFTGLQA SPADALEKHF DVDTDELVLV KDIELYSVCE HHLLPFHGVA HVGYIPAKDG VMGLSKLARL VEVYARRPQV QERLTQQIAD ALVEYAGARG VIVVTECEHL CMSMRGIKKS SARTVTSAVR GMLRNPATRA EAMSLILDK
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	22,302 Da
Sequence Positions	1-199, 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 Q8G3S1
Species	Bifidobacterium longum (strain NCC 2705)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for folE recombinant protein	MBS1355467 is a recombinant protein targeting folE. Also known as Recombinant Bifidobacterium longum 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 #	23466231
NCBI GeneID	1021924
NCBI Accession #	NP_696834.1
UniProt Primary Accession #	Q8G3S1
UniProt Related Accession #	Q8G3S1
GenBank Nucleotide #	NC_004307.2

NCBI Official Full Name	GTP cyclohydrolase I
NCBI Official Symbol	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
NCBI Protein Information	folE
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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