UPF0130 Protein PH1069 (PH1069) Pyrococcus Horikoshii Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0130 protein PH1069 (PH1069), Recombinant Protein
Full Product Name	Recombinant Pyrococcus horikoshii UPF0130 protein PH1069 (PH1069)
Product Gene Name	PH1069 recombinant protein
Sequence	MRFTENFERA KKEALMSLEI ALRKGEVDED IIPLLKKINS IENYFTTSSC SGRISVMEMP HFGDKVNAKW LGKWHREVSL YEVLEAIKKH RSGQLWFLVR SPILHVGAKT LEDAVKLVNL AVSCGFKYSN IKSISNKKLI VEIRSTERMD VLLGENGEIF VGEEYLNKIV EIANDQMRRF KEKLKRLESK INALNR
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	22,657 Da
Sequence Positions	1-196, 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 O58796
Species	Pyrococcus horikoshii (strain 700860 / DSM 12428 / JCM 9974 / NBRC 100139 / OT-3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PH1069 recombinant protein	MBS1007722 is a recombinant protein targeting PH1069. Also known as Recombinant Pyrococcus horikoshii UPF0130 protein PH1069 (PH1069). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PH1069 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 PH1069. It may not necessarily be applicable to this product.

NCBI GI #	11387257
NCBI Accession #	O58796.2
UniProt Primary Accession #	O58796
NCBI Official Full Name	tRNA(Phe) 7-((3-amino-3-carboxypropyl)-4-demethylwyosine(37)-N(4))-methyltransferase 1
UniProt Protein Name	tRNA(Phe) 7-((3-amino-3-carboxypropyl)-4-demethylwyosine(37)-N(4))-methyltransferase 1
UniProt Synonym Protein Names	tRNA wyosine derivatives biosynthesis protein Taw3 1
UniProt Gene Name	taw3-1

UniProt Comments for PH1069	S-adenosyl-L-methionine-dependent methyltransferase that acts as a component of the wyosine derivatives biosynthesis pathway. Probably methylates N-4 position of wybutosine-86 to produce wybutosine-72.
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