UPF0264 Protein MK1602 (MK1602) Methanopyrus Kandleri Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0264 protein MK1602 (MK1602), Recombinant Protein
Full Product Name	Recombinant Methanopyrus kandleri UPF0264 protein MK1602 (MK1602)
Product Gene Name	MK1602 recombinant protein
Product Synonym Gene Name	MK1602
Sequence	MRPRLLVSPV NRDEALEAVE GGAHIIDVKN PEEGSLGANF PWVIREIMEV VPEDREVSAT VGDVPYKPGT VAQAVLGVAA VGVDYAKVGL YGTKTEEEAL EVMRACSRAV REFGYDTRVV AAGYADAHRV GSLDPMSVPE VAAEAECDVA MVDTAVKDGK RLFDFLSEEE VGEFVDSAHE HGLEVALAGS LRHEDMPIVR DLGADIVGVR GAACERGDRN RGAIRSHLVR KLAEALA
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	25,404 Da
Sequence Positions	1-237, 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 Q8TUZ9
Species	Methanopyrus kandleri (strain AV19 / DSM 6324 / JCM 9639 / NBRC 100938)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MK1602 recombinant protein	MBS1356299 is a recombinant protein targeting MK1602. Also known as Recombinant Methanopyrus kandleri UPF0264 protein MK1602 (MK1602). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MK1602 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 MK1602. It may not necessarily be applicable to this product.

NCBI GI #	33112522
NCBI Accession #	Q8TUZ9.1
UniProt Primary Accession #	Q8TUZ9
NCBI Official Full Name	(5-formylfuran-3-yl)methyl phosphate synthase
UniProt Protein Name	(5-formylfuran-3-yl)methyl phosphate synthase

UniProt Synonym Protein Names	4-(hydroxymethyl)-2-furancarboxaldehyde-phosphate synthase
UniProt Gene Name	mfnB
UniProt Synonym Gene Names	4-HFC-P synthase
UniProt Comments for MK1602	Catalyzes the formation of 4-(hydroxymethyl)-2-furancarboxaldehyde phosphate (4-HFC-P) from two molecules of glyceraldehyde-3-P (GA-3-P).
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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