Indole-3-Glycerol Phosphate Synthase (trpC) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Indole-3-glycerol phosphate synthase (trpC), Recombinant Protein
Full Product Name	Recombinant Uncultured termite group 1 bacterium phylotype Rs-D17 Indole-3-glycerol phosphate synthase (trpC)
Product Gene Name	trpC recombinant protein
Sequence	MILDKIVAAT KVRVEKAKLQ KSFKTAKREA LLNKKKNFVS FKKALSKAGI NFICEVKKAS PSKGLISTDF KYKEIALEYE KTGAAAISVL TEPNFFLGSI RYLQEIKSIV KIPVLRKDFI IDSYQIYESR VIGADAVLLI CAVLSYDVLK EFLETAQGLG MSCLVEAHNE EEIETALKAG AEIIGVNNRN LRTFEVDFGN SMKLRRLVPV DKIFVSESGI KTKKHIDILK ANDVNAVLIG EELMKSGNIA ERLRELKD
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	28,831 Da
Sequence Positions	1-258, 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 B1GZC0
Species	Uncultured termite group 1 bacterium phylotype Rs-D17
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trpC recombinant protein	MBS1120466 is a recombinant protein targeting trpC. Also known as Recombinant Uncultured termite group 1 bacterium phylotype Rs-D17 Indole-3-glycerol phosphate synthase (trpC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trpC 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 trpC. It may not necessarily be applicable to this product.

NCBI GI #	505236029
NCBI Accession #	WP_015423131.1
UniProt Primary Accession #	B1GZC0
GenBank Nucleotide #	WP_015423131.1
NCBI Official Full Name	indole-3-glycerol-phosphate synthase
UniProt Protein Name	Indole-3-glycerol phosphate synthase

Protein Family	Indole-3-glycerol phosphate synthase
UniProt Gene Name	trpC
UniProt Synonym Gene Names	IGPS
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