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

PRODUCT OVERVIEW

Product Name	Indole-3-glycerol phosphate synthase (trpC), Recombinant Protein
Full Product Name	Recombinant Staphylococcus haemolyticus Indole-3-glycerol phosphate synthase (trpC)
Product Gene Name	trpC recombinant protein
Product Synonym Gene Name	trpC
Sequence	MTILSEIVDY KEQLLKDGYY HDKLQNLKGV KHKNKSRLTD ALIKNDNLTL IAEIKSKSPS VKAFQQTNII KQVSDYERYG ANAISVLTDE RYFGGSFERL QQISETTQLP VLCKDFIIDP LQIDVAQKAG ASIILLIVNI LTDEKLRQLY QYASSKGLEV LVEVHDGIEL QRAYQLNPQI IGVNNRDLKS FNTDVKHTNQ ILKCKKENYL YISESGIHSQ QEVKQIVKSG IDGLLVGGAL MNCNELEHFI PSLKLKKVKQ
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	29,491 Da
Sequence Positions	1-260, 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 Q4L677
Species	Staphylococcus haemolyticus (strain JCSC1435)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trpC recombinant protein	MBS1281604 is a recombinant protein targeting trpC. Also known as Recombinant Staphylococcus haemolyticus 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 #	499595096
NCBI Accession #	WP_011275830.1
UniProt Primary Accession #	Q4L677
GenBank Nucleotide #	WP_011275830.1

NCBI Official Full Name	MULTISPECIES: 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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