N- (5'-Phosphoribosyl)anthranilate Isomerase (trpF) Desulforudis Audaxviator Recombinant Protein

PRODUCT OVERVIEW

Product Name	N- (5'-phosphoribosyl)anthranilate isomerase (trpF), Recombinant Protein
Full Product Name	Recombinant Desulforudis audaxviator N- (5'-phosphoribosyl)anthranilate isomerase
Product Gene Name	trpF recombinant protein
Sequence	MTLVKICGIT DLDTARTAVD AGADALGFVF APGRRRIAPD TARAIIRRLP PEVLTVGVFV DEDPETVQGI AAHCGLGALQ FHGRESPEYC RGFREKVIKA FGVGNASVRE LERAEEYPVW CLLLDTFSPG RPGGTGRVFD WRLIESLKFS RPVILAGGLN PGNVQAAIAA VRPYGVDVST GVETGGLKDP AKIRSFIKLA REAL
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	21,915 Da
Sequence Positions	1-204, 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 B1I3Z6
Species	Desulforudis audaxviator (strain MP104C)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trpF recombinant protein	MBS1129569 is a recombinant protein targeting trpF. Also known as Recombinant Desulforudis audaxviator N- (5'-phosphoribosyl)anthranilate isomerase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trpF 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 trpF. It may not necessarily be applicable to this product.

NCBI GI #	501259266
NCBI Accession #	WP_012302284.1
UniProt Primary Accession #	B1I3Z6
GenBank Nucleotide #	WP_012302284.1
NCBI Official Full Name	N-(5'-phosphoribosyl)anthranilate isomerase
UniProt Protein Name	N-(5'-phosphoribosyl)anthranilate isomerase

Protein Family	N-(5'-phosphoribosyl)anthranilate isomerase
UniProt Gene Name	trpF
UniProt Synonym Gene Names	PRAI
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