S-Formylglutathione Hydrolase Yeig (yeiG) Recombinant Protein

PRODUCT OVERVIEW

Product Name	S-formylglutathione hydrolase yeiG (yeiG), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6:K15:H31 S-formylglutathione hydrolase yeiG (yeiG)
Product Gene Name	yeiG recombinant protein
Product Synonym Gene Name	yeiG
Sequence	MEMLEEHRCF EGWQQRWRHD SSTLNCPMTF SIFLPPPRDH TPPPVLYWLS GLTCNDENFT TKAGAQRVAA ELGIVLVMPD TSPRGEQVAN DDGYDLGQGA GFYLNATQPP WATHYRMYDY LRDELPALVQ SQFNVSDRCA ISGHSMGGHG ALIMALKNPG KYTSVSAFAP IVNPCSVPWG IKAFSTYLGE DKNAWLEWDS CALMYASNAQ DAIPTLIDQG DNDQFLADQL QPAVLAEAAR QKAWPMTLRI QPGYDHSYYF IASFIEDHLR FHAQYLLK
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	31,273 Da
Sequence Positions	1-278, 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 Q0TFT6
Species	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yeiG recombinant protein	MBS1424762 is a recombinant protein targeting yeiG. Also known as Recombinant Escherichia coli O6:K15:H31 S-formylglutathione hydrolase yeiG (yeiG). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yeiG 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 yeiG. It may not necessarily be applicable to this product.

NCBI GI #	446347608
NCBI Accession #	WP_000425463.1
UniProt Primary Accession #	Q0TFT6
GenBank Nucleotide #	WP_000425463.1
NCBI Official Full Name	S-formylglutathione hydrolase YeiG

UniProt Protein Name	S-formylglutathione hydrolase YeiG
Protein Family	S-formylglutathione hydrolase
UniProt Gene Name	yeiG
UniProt Synonym Gene Names	FGH
UniProt Comments for yeiG	Serine hydrolase involved in the detoxification of formaldehyde. Hydrolyzes S-formylglutathione to glutathione and formate ().
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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