Uncharacterized Protein Yihr (yihR) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein yihR (yihR), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Uncharacterized protein yihR (yihR)
Product Gene Name	yihR recombinant protein
Sequence	MSLIKVPCMQ ITNMHCSGQT VSLAAGDYHA TIVTVGAGLA ELTFQGCHLV IPHKPEEMPL AHLGKVLIPW PNRIANGCYR YQGQEYQLPI NEHSSKAAIH GLLAWRDWQI SELTATSVTL TAFLPPSYGY PFMLASQVVY SLNAHTGLSV EIASQNIGTV AAPYGVGIHP YLTCNLTSVD EYLFQLPANQ VYAVDEHANP TTLHHVDELD LNFTQAKKIA ATKIDHTFKT ANDLWEMTIT HPQQALSVSL CSDQLWVQVY SGEKLQRQGL AVEPMSCPPN AFNSGIDLLL LESGKPHRLF FNIYGQRK
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	34,010 Da
Sequence Positions	1-308, 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 P32139
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yihR recombinant protein	MBS1254215 is a recombinant protein targeting yihR. Also known as Recombinant Escherichia coli Uncharacterized protein yihR (yihR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yihR 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 yihR. It may not necessarily be applicable to this product.

NCBI GI #	49176437
NCBI GeneID	948375
NCBI Accession #	NP_418315.3
UniProt Primary Accession #	P32139
UniProt Secondary Accession #	Q2M8H6
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	putative sulphoquinovose mutarotase
NCBI Official Symbol	yihR
NCBI Official Synonym Symbols	ECK3872; JW3850; squR
UniProt Protein Name	Uncharacterized protein YihR
UniProt Gene Name	yihR
NCBI Protein Information	putative sulphoquinovose mutarotase
NCBI Summary for yihR	galM, yphB and yihR are paralogs. [More information is available at EcoGene: EG11844]. YihR appears to be involved in biofilm formation. [More information is available at EcoCyc: EG11844].
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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