Uncharacterized Protein Yhii (yhiI) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uncharacterized protein yhiI (yhiI), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Uncharacterized protein yhiI (yhiI)
Product Gene Name	yhiI recombinant protein
Sequence	AIVAWWLLRP AGVPEGFAVS NGRIEATEVD IASKIAGRID TILVKEGKFV REGEVLAKMD TRVLQEQRLE AIAQIKEAQS AVAAAQALLE QRQSETRAAQ SLVNQRQAEL DSVAKRHTRS RSLAQRGAIS AQQLDDDRAA AESARAALES AKAQVSASKA AIEAARTNII QAQTRVEAAQ ATERRIAADI DDSELKAPRD GRVQYRVAEP GEVLAAGGRV LNMVDLSDVY MTFFLPTEQA GTLKLGGEAR LILDAAPDLR IPATISFVAS VAQFTPKTVE TSDERLKLMF RVKARIPPEL LQQHLEYVKT GLPGVAWVRV NEELPWPDDL VVRLPQ
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	38,828 Da
Sequence Positions	20-355, 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 P37626
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for yhiI recombinant protein	MBS1256676 is a recombinant protein targeting yhiI. Also known as Recombinant Escherichia coli Uncharacterized protein yhiI (yhiI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of yhiI 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 yhiI. It may not necessarily be applicable to this product.

NCBI GI #	16131359
NCBI GeneID	948003
NCBI Accession #	NP_417944.1
UniProt Primary Accession #	P37626
UniProt Secondary Accession #	Q2M7F0
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	putative membrane fusion protein (MFP) of efflux pump
NCBI Official Symbol	yhiI
NCBI Official Synonym Symbols	ECK3472; JW3454
UniProt Protein Name	Uncharacterized protein YhiI
UniProt Gene Name	yhiI
NCBI Protein Information	putative membrane fusion protein (MFP) of efflux pump
NCBI Summary for yhiI	The adjacent RbbA is a transporter homolog but does not appear to be a transporter, but a ribosome-associated ATPase. what associations or role YhiI plays in RbbA function is unknown. [More information is available at EcoGene: EG12224].
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