Protein Phna (phnA) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein phnA (phnA), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Protein phnA (phnA)
Product Gene Name	phnA recombinant protein
Sequence	MSLPHCPKCN SEYTYEDNGM YICPECAYEW NDAEPAQESD ELIVKDANGN LLADGDSVTI IKDLKVKGSS SMLKIGTKVK NIRLVEGDHN IDCKIDGFGP MKLKSEFVKK N
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	12,345 Da
Sequence Positions	1-111, 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 P0AFJ1
Species	Escherichia coli (strain K12)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phnA recombinant protein	MBS1003191 is a recombinant protein targeting phnA. Also known as Recombinant Escherichia coli Protein phnA (phnA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phnA 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 phnA. It may not necessarily be applicable to this product.

NCBI GI #	16131934
NCBI GeneID	948621
NCBI Accession #	NP_418532.1
UniProt Primary Accession #	P0AFJ1
UniProt Secondary Accession #	P16680; Q2M6J6
GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	zinc-ribbon family protein

NCBI Official Symbol	yjdM
NCBI Official Synonym Symbols	ECK4101; JW4069; phnA
UniProt Protein Name	Protein PhnA
Protein Family	Anthranilate synthase
UniProt Gene Name	phnA
UniProt Synonym Gene Names	yjdM
NCBI Protein Information	zinc-ribbon family protein
NCBI Summary for phnA	AFMB Structural Genomics target Number 17 (http://afmb.cnrs-mrs.fr/article171.html). [More information is available at EcoGene: EG10711]. The phn genes of Escherichia coli B have been cloned . [More information is available at EcoCyc: EG10711].
UniProt Comments for phnA	Enzyme and pathway databasesBioCyc Collection of Pathway/Genome DatabasesMore...BioCyciEcoCyc:EG10711-MONOMER.
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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