Transcriptional Regulatory Protein Phop (phoP) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional regulatory protein phoP (phoP), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 Transcriptional regulatory protein phoP (phoP)
Product Gene Name	phoP recombinant protein
Product Synonym Gene Name	phoP
Sequence	MRVLVVEDNA LLRHHLKVQI QDAGHQVDDA EDAKEADYYL NEHLPDIAIV DLGLPDEDGL SLIRRWRSND VSLPILVLTA RESWQDKVEV LSAGADDYVT KPFHIEEVMA RMQALMRRNS GLASQVISLP PFQVDLSRRE LSINDEVIKL TAFEYTIMET LIRNNGKVVS KDSLMLQLYP DAELRESHTI DVLMGRLRKK IQAQYPQEVI TTVRGQGYLF ELR
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	25,535 Da
Sequence Positions	1-223, 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 Q8CXZ9
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for phoP recombinant protein	MBS1332374 is a recombinant protein targeting phoP. Also known as Recombinant Escherichia coli O6 Transcriptional regulatory protein phoP (phoP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of phoP 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 phoP. It may not necessarily be applicable to this product.

NCBI GI #	447188225
NCBI Accession #	WP_001265481.1
UniProt Primary Accession #	Q8CXZ9
GenBank Nucleotide #	WP_001265481.1
NCBI Official Full Name	MULTISPECIES: two-component system response regulator PhoP

UniProt Protein Name	Transcriptional regulatory protein PhoP
Protein Family	Alkaline phosphatase synthesis transcriptional regulatory protein
UniProt Gene Name	phoP
UniProt Comments for phoP	Member of the two-component regulatory system PhoQ/PhoP involved in virulence, adaptation to low Mg2+ environments and the control of acid resistance genes.
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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