Response Regulator Aspartate Phosphatase C (rapC) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Response regulator aspartate phosphatase C (rapC), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis Response regulator aspartate phosphatase C (rapC)
Product Gene Name	rapC recombinant protein
Sequence	MKSGVIPSSA VGQKINEWYR YIRTFSVPDA EVLKAEIQQE LKHMQHDSNL LLYYSLMEFR HQLMLDYLEP LEKLNIEDQP SLSELSRNID SNQADLKGLL DYYVNFFRGM YEFDKREFIS AITYYKQAEK KLSFVADHIE RAEFYFKIAE AYYYMKQTYF SLINIKNAYE IYVEQETYNV RIIQCHFVFG VNLMDERNFE QAARHFKLAL NMAQAEQKAQ LVGRAYYNLG LCYYNQDLLD PAIDYFEKAV STFESSRIVN SLPQAYFLIT LIYYKQGKHD KASEYHKRGY EYAKETDDAD YAVKFEFLQS LYLDQPNEEG IERCFQYLKN KNMYADIEDL ALEVAKYYYE QKWFKLSASY FLQVEEARKQ IQRSEGLYEI EI
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	45,635 Da
Sequence Positions	1-382, 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 P94415
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rapC recombinant protein	MBS1188846 is a recombinant protein targeting rapC. Also known as Recombinant Bacillus subtilis Response regulator aspartate phosphatase C (rapC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rapC 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 rapC. It may not necessarily be applicable to this product.

NCBI GI #	16077445
NCBI GeneID	938284
NCBI Accession #	NP_388259.1
UniProt Primary Accession #	P94415

UniProt Related Accession #	P94415
GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	response regulator aspartate phosphatase C
NCBI Official Symbol	rapC
UniProt Protein Name	Response regulator aspartate phosphatase C
Protein Family	Ras-related protein
UniProt Gene Name	rapC
UniProt Synonym Gene Names	yclL
NCBI Protein Information	response regulator aspartate phosphatase C
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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