Transcriptional Regulatory Protein Walr (walR) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transcriptional regulatory protein walR (walR), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Transcriptional regulatory protein walR (walR)
Product Gene Name	walR recombinant protein
Product Synonym Gene Name	walR
Sequence	MARKVVVVDD EKPIADILEF NLKKEGYDVY CAYDGNDAVD LIYEEEPDIV LLDIMLPGRD GMEVCREVRK KYEMPIIMLT AKDSEIDKVL GLELGADDYV TKPFSTRELI ARVKANLRRH YSQPAQDTGN VTNEITIKDI VIYPDAYSIK KRGEDIELTH REFELFHYLS KHMGQVMTRE HLLQTVWGYD YFGDVRTVDV TIRRLREKIE DDPSHPEYIV TRRGVGYFLQ QHE
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	27,192 Da
Sequence Positions	1-233, 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 Q99XF3
Species	Staphylococcus aureus (strain Mu50 / 700699)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for walR recombinant protein	MBS1331614 is a recombinant protein targeting walR. Also known as Recombinant Staphylococcus aureus Transcriptional regulatory protein walR (walR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of walR 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 walR. It may not necessarily be applicable to this product.

NCBI GI #	446024121
NCBI Accession #	WP_000101976.1
UniProt Primary Accession #	Q99XF3
GenBank Nucleotide #	WP_000101976.1

NCBI Official Full Name	MULTISPECIES: DNA-binding response regulator
UniProt Protein Name	Transcriptional regulatory protein WalR
Protein Family	Transcriptional regulatory protein
UniProt Gene Name	walR
UniProt Synonym Gene Names	vicR
UniProt Comments for walR	Member of the two-component regulatory system WalK/WalR that regulates genes involved in autolysis, biofilm formation and cell wall metabolism.
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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