Sensory Transduction Protein Lytr (lytR) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sensory transduction protein lytR (lytR), Recombinant Protein
Full Product Name	Recombinant Staphylococcus saprophyticus subsp. saprophyticus Sensory transduction protein lytR (lytR)
Product Gene Name	lytR recombinant protein
Product Synonym Gene Name	lytR
Sequence	MRAIIVDDEP LARNELHYLL NQINHFEKID KAENVSETLE LLLYDDYDVI FLDINLMDES GLDLANKIKK MKHAPFIIFA TAHDTFAVKA FELDAIDYIL KPFEQQRIAQ AVHKVEQALG QTTEHHSDSY TTASMDTQNN EKTKTSKVLP IEVNERIHII NLDDIIAVSV NNGITTINTT LDDFETSEPL SHYEKKIETQ NFMRIHRATL INKSHIQTIE HWFNYTYQLT MTNQLRFQVS RSYMKTFKQM MGLN
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	29,581 Da
Sequence Positions	1-254, 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 Q4A010
Species	Staphylococcus saprophyticus subsp. saprophyticus (strain 15305 / DSM 20229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lytR recombinant protein	MBS1340931 is a recombinant protein targeting lytR. Also known as Recombinant Staphylococcus saprophyticus subsp. saprophyticus Sensory transduction protein lytR (lytR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lytR 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 lytR. It may not necessarily be applicable to this product.

NCBI GI #	499621688
NCBI Accession #	WP_011302422.1
UniProt Primary Accession #	Q4A010
GenBank Nucleotide #	WP_011302422.1
NCBI Official Full Name	MULTISPECIES: DNA-binding response regulator

UniProt Protein Name	Sensory transduction protein LytR
Protein Family	Sensory transduction protein
UniProt Gene Name	lytR
UniProt Comments for lytR	Member of the two-component regulatory system LytR/LytS that probably regulates genes involved in 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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