Protein Rdoa (rdoA) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein rdoA (rdoA), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Protein rdoA (rdoA)
Product Gene Name	rdoA recombinant protein
Product Synonym Gene Name	rdoA
Sequence	MNNSAFTFQT LHPDTIMDAL FEQGIRVDSG LTPLNSYENR VYQFQDEDRR RFVVKFYRPE RWTADQILEE HQFALQLVND EVPVAAPVAF NGQTLLNHQG FYFAVFPSVG GRQFEADNID QMEAVGRYLG RMHQTGRKQL FIHRPTIGLN EYLIEPRKLF EDATLIPSGL KAAFLKATDE LIAAVTAHWR EDFTVLRLHG DCHAGNILWR DGPMFVDLDD ARNGPAIQDL WMLLNGDKAE QRMQLETIIE AYEEFSEFDT AEIGLIEPLR AMRLVYYLAW LMRRWADPAF PKNFPWLTGE DYWLRQTATF IEQAKVLQEP PLQLTPMY
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	38,125 Da
Sequence Positions	1-328, 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 Q8X8H9
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rdoA recombinant protein	MBS1339689 is a recombinant protein targeting rdoA. Also known as Recombinant Escherichia coli O157:H7 Protein rdoA (rdoA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rdoA 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 rdoA. It may not necessarily be applicable to this product.

NCBI GI #	15834036
NCBI GeneID	915109
NCBI Accession #	NP_312809.1
UniProt Primary Accession #	Q8X8H9
UniProt Secondary Accession #	Q7A9C9

GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	serine/threonine protein kinase
NCBI Official Symbol	ECs4782
UniProt Protein Name	Stress response kinase A
UniProt Synonym Protein Names	Serine/threonine-protein kinase SrkA
Protein Family	Serine/threonine protein kinase
UniProt Gene Name	srkA
NCBI Protein Information	serine/threonine protein kinase
UniProt Comments for rdoA	A protein kinase that phosphorylates Ser and Thr residues. Probably acts to suppress the effects of stress linked to accumulation of reactive oxygen species. Probably involved in the extracytoplasmic stress response.
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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