Anthranilate 1,2-Dioxygenase Regulatory Protein (andR) Burkholderia Cepacia Recombinant Protein

PRODUCT OVERVIEW

Product Name	Anthranilate 1,2-dioxygenase regulatory protein (andR), Recombinant Protein
Full Product Name	Recombinant Burkholderia cepacia Anthranilate 1,2-dioxygenase regulatory protein (andR)
Product Gene Name	andR recombinant protein
Product Synonym Gene Name	andR
Sequence	MSPTSFEPLA LRAHRLFESR DLDETRERIS RVMQPHALLP SGRMQGAAHM DFVRLGGLGI GTIAFGDAMR VQVDAVDGYY LLMFCLSGHA QVAAMGRRLG VDGQTGVLCA PGERFDAVLS ADCEQFVLRI DAATVGSLTG NPRATLDPVL HISDAALAAW HQQLMLVARS PALLARANAN PRVAAQLEHL LIDLLIEGHP PAAASMRHDP APGFLLRAQE FVNAHYAQPL QLADIVVAAN VPERTLRDAF LQFRGMSPMQ YLRATRLEHA RELLRRSQPE RRIADVALDC GFTHLGRFAI AYREKFGESP SETVGVRR
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	34,911 Da
Sequence Positions	1-318, 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 Q84BZ4
Species	Burkholderia cepacia (Pseudomonas cepacia)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for andR recombinant protein	MBS1326493 is a recombinant protein targeting andR. Also known as Recombinant Burkholderia cepacia Anthranilate 1,2-dioxygenase regulatory protein (andR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of andR 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 andR. It may not necessarily be applicable to this product.

NCBI GI #	81321636
NCBI Accession #	Q84BZ4.1
UniProt Primary Accession #	Q84BZ4
NCBI Official Full Name	Anthranilate 1,2-dioxygenase regulatory protein

UniProt Protein Name	Anthranilate 1,2-dioxygenase regulatory protein
UniProt Synonym Protein Names	HTH-type transcriptional regulator AndR
Protein Family	Anthranilate 1,2-dioxygenase regulatory protein
UniProt Gene Name	andR
UniProt Comments for andR	Involved in anthranilate degradation through activation of expression of the anthranilate 1,2-dioxygenase subunits.
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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