Copper Resistance Protein A (Copa), Partial (copA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Copper resistance protein A (copA), partial, Recombinant Protein
Full Product Name	Recombinant Copper resistance protein A (copA), partial
Product Gene Name	copA recombinant protein
Product Synonym Names	Copper resistance protein A
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	67,355 Da
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 P12374
Species	Pseudomonas syringae pv. tomato
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for copA recombinant protein	MBS1163942 is a recombinant protein targeting copA. Also known as Recombinant Copper resistance protein A (copA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of copA 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 copA. It may not necessarily be applicable to this product.

NCBI GI #	116921
NCBI Accession #	P12374.1
UniProt Primary Accession #	P12374
NCBI Official Full Name	Copper resistance protein A
UniProt Protein Name	Copper resistance protein A
Protein Family	Coatomer
UniProt Gene Name	copA
UniProt Entry Name	COPA_PSEUB

UniProt Comments for copA	Mediates copper resistance by sequestration of copper in the periplasm along with the copper-binding protein CopC. May have oxidase activity.
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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