Copper Chaperone Copz (copZ) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Copper chaperone CopZ (copZ), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Copper chaperone CopZ (copZ)
Product Gene Name	copZ recombinant protein
Product Synonym Gene Name	copZ
Sequence	MSQEILNVEG MSCGHCKSAV ESALNNIDGV TSADVNLENG QVSVQYDDSK VAVSQMKDAI EDQGYDVV
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	7,237 Da
Sequence Positions	1-68, 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 Q2FV63
Species	Staphylococcus aureus (strain 8325)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for copZ recombinant protein	MBS1324775 is a recombinant protein targeting copZ. Also known as Recombinant Staphylococcus aureus Copper chaperone CopZ (copZ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of copZ 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 copZ. It may not necessarily be applicable to this product.

NCBI GI #	445998806
NCBI Accession #	WP_000076661.1
UniProt Primary Accession #	Q2FV63
GenBank Nucleotide #	WP_000076661.1
NCBI Official Full Name	MULTISPECIES: copper chaperone CopZ
UniProt Protein Name	Copper chaperone CopZ
Protein Family	Copper chaperone

UniProt Gene Name	copZ
UniProt Comments for copZ	Chaperone that serves for the intracellular sequestration and transport of Cu+. Delivers Cu+ to the copper-exporting P-type ATPase A (CopA) ().
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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