Probable Cytosolic Iron-Sulfur Protein Assembly Protein Ciao1 (CIAO1) Anopheles Gambiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable cytosolic iron-sulfur protein assembly protein Ciao1 (Ciao1), Recombinant Protein
Full Product Name	Recombinant Anopheles gambiae Probable cytosolic iron-sulfur protein assembly protein Ciao1 (Ciao1)
Product Gene Name	Ciao1 recombinant protein
Product Synonym Gene Name	Ciao1
Sequence	MGKLELLQTL TGHAGRVWSA AWHPGGKLFA SCGEDKTIRV WNKSDTDRWV AQTVLTDGHT RTIRELAWSC CGHYLASASF DTTVAVWDKK SGEFECNATL EGHDNEVKSV TWSRSGNLLA TCSRDKSVWI WEIHHAPDQE DEYECVAVLN GHTQDVKKVC WHPQEDLLAS ASYDNTIRMY RQDLADSEWE MLEPLESHSS TVWSISFDAT GQRLASCSED TTVKVWQQYG PDNALGIPCP DRGTIWKCVC TLSGYHSRSV YDIDWCKQTG LLATACGDDT VRIFREASDS DRNEPTFELV VTVEAHSQDA NKVAWHPTVP GLLLTASDDG EIKLWQYVDA D
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	38,235 Da
Sequence Positions	1-341, 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 Q7PS24
Species	Anopheles gambiae (African malaria mosquito)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ciao1 recombinant protein	MBS1435891 is a recombinant protein targeting Ciao1. Also known as Recombinant Anopheles gambiae Probable cytosolic iron-sulfur protein assembly protein Ciao1 (Ciao1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ciao1 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 Ciao1. It may not necessarily be applicable to this product.

NCBI GI #	158288821
NCBI GeneID	1271794
NCBI Accession #	XP_310648.3

UniProt Primary Accession #	Q7PS24
GenBank Nucleotide #	XM_310648.5
NCBI Official Full Name	AGAP000444-PA
NCBI Official Symbol	CIAO1_ANOGA
UniProt Protein Name	Probable cytosolic iron-sulfur protein assembly protein Ciao1
Protein Family	Probable cytosolic iron-sulfur protein assembly protein
UniProt Gene Name	Ciao1
NCBI Protein Information	AGAP000444-PA
UniProt Comments for Ciao1	Essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. Required for the maturation of extramitochondrial Fe/S proteins.
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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