Probable Cytosolic Iron-Sulfur Protein Assembly Protein Ciao1 (CIAO1) Aedes Aegypti Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable cytosolic iron-sulfur protein assembly protein Ciao1 (Ciao1), Recombinant Protein
Full Product Name	Recombinant Aedes aegypti Probable cytosolic iron-sulfur protein assembly protein Ciao1 (Ciao1)
Product Gene Name	Ciao1 recombinant protein
Product Synonym Gene Name	Ciao1
Sequence	MGKLELLQCL TGHRGRAWGA GWHPKGNVLA TCGEDKTIRI WAEDASQRWV AKTVLSDGHS RTIRDVAWSP CGQYLASASF DATVAIWDKK SGEFECNATL EGHENEVKSV SWSKSGSLLA TCSRDKSVWV WEVAQEDEYE CAAVLNTHTQ DVKKVEWHPH EDILASASYD NTIKLYKEDL ADSDWSSFDT LVSHESTVWS ISFDGSGNRL ASCSDDQTVK IWQEYKPGNE FGVSCPDNTP VWKCVCTLAG YHSRSVYDIS WCKQSGLLAT ACGDDMVRIF KEVEGSSPHE PTFEMVGSKH AHSQDVNTVE WNPTVVGLLV TTSDDGDVKL WKYEPEE
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	37,538 Da
Sequence Positions	1-337, 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 Q17GR9
Species	Aedes aegypti (Yellowfever mosquito) (Culex aegypti)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ciao1 recombinant protein	MBS1408321 is a recombinant protein targeting Ciao1. Also known as Recombinant Aedes aegypti 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 #	157132872
NCBI GeneID	5576487
NCBI Accession #	XP_001662680.1

UniProt Primary Accession #	Q17GR9
UniProt Related Accession #	Q17GR9
GenBank Nucleotide #	XM_001662630.1
NCBI Official Full Name	AAEL002912-PA
NCBI Official Symbol	LOC5576487
NCBI Official Synonym Symbols	Ciao1; AAEL002912
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	probable cytosolic iron-sulfur protein assembly protein Ciao1
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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