Eukaryotic Translation Initiation Factor 3 Subunit K (Cimg_01880) (CIMG_01880) Coccidioides Immitis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Eukaryotic translation initiation factor 3 subunit K (CIMG_01880), Recombinant Protein
Full Product Name	Recombinant Coccidioides immitis Eukaryotic translation initiation factor 3 subunit K (CIMG_01880)
Product Gene Name	CIMG_01880 recombinant protein
Product Synonym Gene Name	CIMG_01880
Sequence	MAAFDKCKTR PAHIDAILNG LDRYNPETTA VFQDYVVQQC EDRTFDCYAN LALLKLYQFN PPLLNAETVT NILAKALTVF PSPAFSLSLA LLPAYTQPYA TSSTQATTAN LPMQTADFVE AVQKLTHLST LLESAQYTAF WSTLNSDDLY ADLTADVAGF EELIRIRIAV EVGKAFREIG ADVLMGWLDM RGMETLEKFV VDVCGWEVDK SKAEGENGVI VRVPRNKENE ARGEVKGEKV GIEMFGRVVR RGFEQPA
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	28,545 Da
Sequence Positions	1-257, 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 Q1E6D3
Species	Coccidioides immitis (strain RS) (Valley fever fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CIMG_01880 recombinant protein	MBS1338532 is a recombinant protein targeting CIMG_01880. Also known as Recombinant Coccidioides immitis Eukaryotic translation initiation factor 3 subunit K (CIMG_01880). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CIMG_01880 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 CIMG_01880. It may not necessarily be applicable to this product.

NCBI GI #	119195011
NCBI GeneID	4565981
NCBI Accession #	XP_001248109.1

UniProt Primary Accession #	Q1E6D3
UniProt Secondary Accession #	J3KKI7
UniProt Related Accession #	Q1E6D3
GenBank Nucleotide #	XM_001248108.2
NCBI Official Full Name	eukaryotic translation initiation factor 3 subunit K
NCBI Official Symbol	CIMG_01880
UniProt Protein Name	Eukaryotic translation initiation factor 3 subunit K
UniProt Synonym Protein Names	eIF-3 p25
UniProt Gene Name	CIMG_01880
UniProt Synonym Gene Names	eIF3k
NCBI Protein Information	eukaryotic translation initiation factor 3 subunit K
UniProt Comments for CIMG_01880	Component of the eukaryotic translation initiation factor 3 (eIF-3) complex, which is involved in protein synthesis of a specialized repertoire of mRNAs and, together with other initiation factors, stimulates binding of mRNA and methionyl-tRNAi to the 40S ribosome. The eIF-3 complex specifically targets and initiates translation of a subset of mRNAs involved in cell proliferation.
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