Assembly Factor CBP4 (CBP4) (MGG_02714) Magnaporthe Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Assembly factor CBP4 (CBP4) (MGG_02714), Recombinant Protein
Full Product Name	Recombinant Magnaporthe oryzae Assembly factor CBP4 (CBP4)
Product Gene Name	MGG_02714 recombinant protein
Product Synonym Gene Name	CBP4; MGG_02714
Product Synonym Names	Recombinant Assembly factor CBP4 (CBP4); Assembly factor CBP4; Cytochrome b mRNA-processing protein 4
Sequence	MAPKAPNYKL WAKMILGGAG IAVGGPAFVM YISPTEEELF KRYNPDLQKR ALESRYERQK EYDDFVTELK KSAKSDKNIW ITQQIEAEKK EKLARQMASA NAAAEQARMQ EEEHAKIEQM RREAGLPPTR
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	14,916 Da
Sequence Positions	1-130
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.
Chromosome Location	Chromosome: 7; NC_017854.1 (1778719..1779990). Location: chromosome: 7
3D Structure	ModBase 3D Structure for A4RC22
Species	Magnaporthe oryzae (strain 70-15 / MYA-4617 / FGSC 8958) (Rice blast fungus) (Pyricularia oryzae)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MGG_02714 recombinant protein	MBS1121865 is a recombinant protein targeting MGG_02714. Also known as Recombinant Magnaporthe oryzae Assembly factor CBP4 (CBP4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MGG_02714 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 MGG_02714. It may not necessarily be applicable to this product.

NCBI GI #	389646829
NCBI GeneID	2682314
NCBI Accession #	XP_003721046.1
UniProt Primary Accession #	A4RC22

UniProt Secondary Accession #	Q2KG76; G4NJ87
UniProt Related Accession #	EAA47471
GenBank Nucleotide #	XM_003720998.1
NCBI Official Full Name	assembly factor CBP4
NCBI Official Symbol	MGG_02714
UniProt Protein Name	Assembly factor CBP4
UniProt Synonym Protein Names	Cytochrome b mRNA-processing protein 4
UniProt Gene Name	CBP4
UniProt Entry Name	CBP4_MAGO7
NCBI Protein Information	assembly factor CBP4
UniProt Comments for MGG_02714	Function: Essential for the assembly of ubiquinol-cytochrome c reductase. It has a direct effect on the correct occurrence of the Rieske protein, core 4, core 5 and apocytochrome b By similarity. Subcellular location: Mitochondrion inner membrane; Single-pass membrane protein By similarity. Sequence similarities: Belongs to the CBP4 family. Sequence caution: The sequence EAQ71052.1 differs from that shown. Reason: Erroneous gene model prediction.
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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