Assembly Factor Cbp4 (cbp4) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Assembly factor cbp4 (cbp4), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Assembly factor cbp4 (cbp4), partial
Product Gene Name	cbp4 recombinant protein
Product Synonym Gene Name	cbp4
Sequence	MSKAGTWIKM FVVGTVICVG GPALVQAIRP TDEELFKRYN PELQRRSLEE GDRRAQEFDD YVNKLKQWSK SDKSIWVAAQ EQQEQMRTQA AVQRSQAKDE AKAQREEMRK ELLGEK
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	13,459 Da
Sequence Positions	1-116
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 Q2UE23
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cbp4 recombinant protein	MBS1418187 is a recombinant protein targeting cbp4. Also known as Recombinant Aspergillus oryzae Assembly factor cbp4 (cbp4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cbp4 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 cbp4. It may not necessarily be applicable to this product.

NCBI GI #	317147522
NCBI GeneID	5994222
NCBI Accession #	XP_001822194.2
UniProt Primary Accession #	Q2UE23
GenBank Nucleotide #	XM_001822142.2
NCBI Official Symbol	AO090026000789

UniProt Protein Name	Assembly factor cbp4
UniProt Synonym Protein Names	Cytochrome b mRNA-processing protein 4
Protein Family	Assembly factor
UniProt Gene Name	cbp4
NCBI Protein Information	hypothetical protein
UniProt Comments for cbp4	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 ().
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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