Cap-Associated Protein CAF20 (CAF20) Debaryomyces Hansenii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cap-associated protein CAF20 (CAF20), Recombinant Protein
Full Product Name	Recombinant Debaryomyces hansenii Cap-associated protein CAF20 (CAF20)
Product Gene Name	CAF20 recombinant protein
Product Synonym Gene Name	CAF20; DEHA2F10868g
Product Synonym Names	Cap-associated protein CAF20
Sequence	MAKYTEEQLY EIKEEAYTPQ PDVLDAFNKM VDHVKEHAAA EFEKHKNLKW SNGDTYIDEN GNERPYHHMN KRRGSRSGNK PNLRKKSTDG IKVDDDGWAT LTKPKKSFGA EDGVEERNKF RESVKDIKVK PNNKNLGSSK AVDPRDAIAE KHTNTFNAFE ALGDGDDSDD E
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	19,470 Da
Sequence Positions	1-171aa; 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 Q6BLT5
Species	Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CAF20 recombinant protein	MBS1477870 is a recombinant protein targeting CAF20. Also known as Recombinant Debaryomyces hansenii Cap-associated protein CAF20 (CAF20). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CAF20 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 CAF20. It may not necessarily be applicable to this product.

NCBI GI #	50424497
NCBI GeneID	2903571
NCBI Accession #	XP_460836.1
UniProt Primary Accession #	Q6BLT5

UniProt Related Accession #	Q6BLT5
GenBank Nucleotide #	XM_460836.1
NCBI Official Full Name	DEHA2F10868p
NCBI Official Symbol	DEHA2F10868g
UniProt Protein Name	Cap-associated protein CAF20
Protein Family	Cap-associated protein
UniProt Gene Name	CAF20
UniProt Entry Name	CAF20_DEBHA
NCBI Protein Information	DEHA2F10868p
UniProt Comments for CAF20	Acts as an inhibitor of cap-dependent translation. Competes with eIF4G1 and EAP1 for binding to eIF4E and interferes with the formation of the eIF4F complex, inhibiting translation and stabilizing mRNA ().
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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