CBP80/20-Dependent Translation Initiation Factor (ctif) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	CBP80/20-dependent translation initiation factor (ctif), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis CBP80/20-dependent translation initiation factor (ctif), partial
Product Gene Name	ctif recombinant protein
Product Synonym Gene Name	ctif
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	66,640 Da
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 Q0V9S3
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ctif recombinant protein	MBS1327226 is a recombinant protein targeting ctif. Also known as Recombinant Xenopus tropicalis CBP80/20-dependent translation initiation factor (ctif), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ctif 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 ctif. It may not necessarily be applicable to this product.

NCBI GI #	118403624
NCBI GeneID	779787
NCBI Accession #	NP_001072334.1
UniProt Primary Accession #	Q0V9S3
UniProt Related Accession #	Q0V9S3
GenBank Nucleotide #	NM_001078866.1
NCBI Official Full Name	CBP80/20-dependent translation initiation factor
NCBI Official Synonym Full Names	CBP80/20-dependent translation initiation factor

NCBI Official Symbol	ctif
NCBI Official Synonym Symbols	gm672; kiaa0427
UniProt Protein Name	CBP80/20-dependent translation initiation factor
Protein Family	CBP80/20-dependent translation initiation factor
UniProt Gene Name	ctif
NCBI Protein Information	CBP80/20-dependent translation initiation factor
UniProt Comments for ctif	Specifically required for the pioneer round of mRNA translation mediated by the cap-binding complex (CBC), that takes place during or right after mRNA export via the nuclear pore complex (NPC). In contrast, it is not involved in steady state translation, that takes place when the CBC complex is replaced by cytoplasmic cap-binding protein eIF4E. Also required for nonsense-mediated mRNA decay (NMD), the pioneer round of mRNA translation mediated by the cap-binding complex playing a central role in nonsense-mediated mRNA decay (NMD) ().
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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