Protein XAP5 Circadian Timekeeper (XCT) Oryza Sativa Subsp. Indica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein XAP5 CIRCADIAN TIMEKEEPER (XCT), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. indica Protein XAP5 CIRCADIAN TIMEKEEPER (XCT)
Product Gene Name	XCT recombinant protein
Sequence	MSGFGDGYVG TAQDAVKIRR LEKQREAERR KIEELKNKSS DGQPGLLQFG SSTSEILETA FKKETVGLVT REQYVEKRVN IRTKIEEEEK EKLQKLQQEE EELQMQKRKK RRVRGDPRLS FCDEIENGSD EDEFENQEPQ KKHGPVKLGK DPTVETSFLP DREREAEEQA ERERLKKQWS REQELIKNEP LTITYSYWDG TGHRRVIQVR KGDSIGEFLR AVQQQLAPEF REVRTTSVEN LLYVKEDLII PHQHSFYELI INKARGKSGP LFHFDVHEDV RTIADATKEK DESHAGKVVE RHWYEKNKHI FPASRWEIYD PTKKWERYTI HGD
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	39,264 Da
Sequence Positions	1-333, 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 B8BDW1
Species	Oryza sativa subsp. indica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for XCT recombinant protein	MBS1230560 is a recombinant protein targeting XCT. Also known as Recombinant Oryza sativa subsp. indica Protein XAP5 CIRCADIAN TIMEKEEPER (XCT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of XCT 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 XCT. It may not necessarily be applicable to this product.

NCBI GI #	263545861
NCBI Accession #	B8BDW1.1
UniProt Primary Accession #	B8BDW1
NCBI Official Full Name	Protein XAP5 CIRCADIAN TIMEKEEPER
UniProt Protein Name	Protein XAP5 CIRCADIAN TIMEKEEPER

Protein Family	Protein XAP5 CIRCADIAN TIMEKEEPER
UniProt Gene Name	XCT
UniProt Comments for XCT	Involved in light regulation of the circadian clock and photomorphogenesis.
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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