Anaphase-Promoting Complex Subunit 13 (anapc13) Xenopus Tropicalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Anaphase-promoting complex subunit 13 (anapc13), Recombinant Protein
Full Product Name	Recombinant Xenopus tropicalis Anaphase-promoting complex subunit 13 (anapc13)
Product Gene Name	anapc13 recombinant protein
Product Synonym Gene Name	anapc13
Sequence	MDSEVLRDGR ILDLIDDAWR EDKLPYEDVT IPLNELPEPE QDNGGATESV KEQEMKWADL ALQYLHENIS SSGS
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	8,417 Da
Sequence Positions	1-74, 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 Q28IW8
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anapc13 recombinant protein	MBS1326861 is a recombinant protein targeting anapc13. Also known as Recombinant Xenopus tropicalis Anaphase-promoting complex subunit 13 (anapc13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of anapc13 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 anapc13. It may not necessarily be applicable to this product.

NCBI GI #	62857787
NCBI GeneID	549994
NCBI Accession #	NP_001017240.1
UniProt Primary Accession #	Q28IW8
UniProt Secondary Accession #	Q0IJ25
UniProt Related Accession #	Q28IW8

GenBank Nucleotide #	NM_001017240.2
NCBI Official Full Name	anaphase-promoting complex subunit 13
NCBI Official Synonym Full Names	anaphase promoting complex subunit 13, gene 1
NCBI Official Symbol	anapc13.1
NCBI Official Synonym Symbols	swm1; anapc13
UniProt Protein Name	Anaphase-promoting complex subunit 13
UniProt Synonym Protein Names	Cyclosome subunit 13
UniProt Gene Name	anapc13
UniProt Synonym Gene Names	APC13
NCBI Protein Information	anaphase-promoting complex subunit 13
UniProt Comments for anapc13	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains ().
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