Proliferating Cell Nuclear Antigen (LOC106420145) Brassica Napus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Proliferating cell nuclear antigen (LOC106420145), Recombinant Protein
Full Product Name	Recombinant Brassica napus Proliferating cell nuclear antigen
Product Gene Name	LOC106420145 recombinant protein
Sequence	MLELRLVQGS LLKKVLESIK DLVNDANFDC STTGFSLQAM DSSHVALVSL LLRSEGFEHY RCDRNLSMGM NLGNMSKMLK CAGNDDIITI KADDGGDTVT FMFESPKQDK IADFEMKLMD IDSEHLGIPD AEYHSIVRMP SNEFSRICKD LSTIGDTVVI SVTKEGVKFS TAGDIGTANI VLRQNTTVDK PEDAIVIEMN EPVSLSFALR YMNSFTKATP LSDTVTISLS SELPVVVEYK VAEMGYIRYY LAPKIEEDEE DKA
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	29,165 Da
Sequence Positions	1-263, 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 Q43124
Species	Brassica napus (Rape)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LOC106420145 recombinant protein	MBS1372514 is a recombinant protein targeting LOC106420145. Also known as Recombinant Brassica napus Proliferating cell nuclear antigen. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LOC106420145 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 LOC106420145. It may not necessarily be applicable to this product.

NCBI GI #	937575045
NCBI GeneID	106420145
NCBI Accession #	NP_001303041.1
UniProt Primary Accession #	Q43124
UniProt Related Accession #	Q43124
GenBank Nucleotide #	NM_001316112.1

NCBI Official Full Name	proliferating cell nuclear antigen
NCBI Official Symbol	LOC106420145
NCBI Official Synonym Symbols	PCNA
UniProt Protein Name	Proliferating cell nuclear antigen
Protein Family	Proliferating cell nuclear antigen
UniProt Gene Name	PCNA
UniProt Synonym Gene Names	PCNA
NCBI Protein Information	proliferating cell nuclear antigen
UniProt Comments for LOC106420145	This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand.
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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