Centromere Protein L (CENPL) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Centromere protein L (CENPL), Recombinant Protein
Full Product Name	Recombinant Human Centromere protein L (CENPL)
Product Gene Name	CENPL recombinant protein
Product Synonym Gene Name	CENPL
Sequence	MDSYSAPEST PSASSRPEDY FIGATPLQKR LESVRKQSSF ILTPPRRKIP QCSQLQEDVD PQKVAFLLHK QWTLYSLTPL YKFSYSNLKE YSRLLNAFIV AEKQKGLAVE VGEDFNIKVI FSTLLGMKGT QRDPEAFLVQ IVSKSQLPSE NREGKVLWTG WFCCVFGDSL LETVSEDFTC LPLFLANGAE SNTAIIGTWF QKTFDCYFSP LAINAFNLSW MAAMWTACKM DHYVATTEFL WSVPCSPQSL DISFAIHPED AKALWDSVHK TPGEVTQEEV DLFMDCLYSH FHRHFKIHLS ATRLVRVSTS VASAHTDGKI KILCHKYLIG VLAYLTELAI FQIE
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	20,886 Da
Sequence Positions	1-344, 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.
OMIM	611503
3D Structure	ModBase 3D Structure for Q8N0S6
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CENPL recombinant protein	MBS1425130 is a recombinant protein targeting CENPL. Also known as Recombinant Human Centromere protein L (CENPL). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CENPL 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 CENPL. It may not necessarily be applicable to this product.

NCBI GI #	187608508
NCBI GeneID	91687
NCBI Accession #	NP_001120653.1
UniProt Primary Accession #	Q8N0S6

UniProt Secondary Accession #	Q5TEL5; Q96ND4
UniProt Related Accession #	Q8N0S6
GenBank Nucleotide #	NM_001127181.2
NCBI Official Full Name	centromere protein L isoform 1
NCBI Official Synonym Full Names	centromere protein L
NCBI Official Symbol	CENPL
NCBI Official Synonym Symbols	CENP-L; C1orf155; dJ383J4.3
UniProt Protein Name	Centromere protein L
UniProt Synonym Protein Names	Interphase centromere complex protein 33
Protein Family	Centromere protein
UniProt Gene Name	CENPL
UniProt Synonym Gene Names	C1orf155; ICEN33; CENP-L
NCBI Protein Information	centromere protein L
NCBI Summary for CENPL	CENPL is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006) [PubMed 16622420].[supplied by OMIM, Mar 2008]
UniProt Comments for CENPL	Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex.
Research Articles on CENPL	**1.** Study demonstrate that the CENP-L-N complex plays a crucial role at the core of the 16-subunit Constitutive Centromere-Associated Network through interactions with CENP-C and CENP-H-I-KM.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/centromere-protein-l-cenpl/1425130