

# Recombinant Human CENPL Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CENPL-3769H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | CENPL MS Standard C13 and N15-labeled recombinant protein (NP_201576) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | CENPL is a subunit of a CENPH -CENPI -associated centromeric complex that targets CENPA to centromeres and is required for proper kinetochore function and mitotic progression.                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 39 kDa                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MDSYSAPESTPSASSRPEDYFIGATPLQKRLESVRKQSSFILTPPRRKIPQCSQLQE<br>DVDPQKVAFLLHKQWTLTPLYKFSYSNLKEYSRLLNAFIVAEEKQKGLAVEVGED<br>FNIKVIFSTLLGMKGTQRDPEAFVLVQIVSKSQLPSENREGKVLWTGWFCVFGDSLL<br>ETVSEDFTCLPLFLANGAESNTAIGTWQKTFDCYFSPAINAFNLSWMAAMWTAC<br>KMDHYVATTEFLWSVPCSPQSLDISFAIHPEDAKALWDSVHKTPGEVTQEEVDLFM<br>DCLYSHFHRHFKIHLSATRLVRVSTSVASAHTDGKIKILCHKYLIGVLAYLTELAIFQIE<br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                                             |

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** CENPL centromere protein L [ Homo sapiens (human) ]

**Official Symbol** CENPL

**Synonyms** CENPL; centromere protein L; CENP-L; C1orf155; dJ383J4.3; centromere protein L; interphase centromere complex protein 33

**Gene ID** 91687

**mRNA Refseq** NM\_033319

**Protein Refseq** NP\_201576

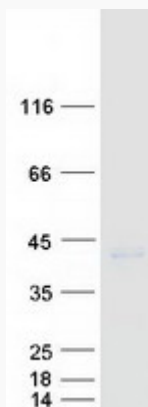
**MIM** 611503

**UniProt ID** Q8N0S6

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**SDS-PAGE**

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