

Product datasheet for **TP309587M**

CENPL (NM_033319) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human centromere protein L (CENPL), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC209587 protein sequence Red =Cloning site Green =Tags(s) |
| | MDSYSAPESTPSASSRPEDYFIGATPLQKRLESVRKQSSFILTPRRKIPQCSQLQEDVDPQKVAFLHK QWTLYSLTPLYKFSYSNLKEYSRLLNAFIVA EKQKGLAVEVGEDFNIVIFSTLLGMKGTQRDPEAFLVQ IVSKSQLPSENREGKVLWTGWFCVFGDSLLETVSEDFTCLPLFLANGAESNTAIGTWQKTFDCYFSP LAINAFNLSWMAAMWTACKMDHYVATTEFLWSVPCSPQSLDISFAIHPEDAKALWDSVHKTPGEVTQEE V DLFMDCLYSHFHRHFKIHL SATRLVRVSTSVASAHTDGKIKILCHKYLIGVLAYLTELAIFQIE TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 38.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_201576</u> |
| Locus ID: | 91687 |



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| UniProt ID: | <u>Q8N0S6</u> |
| RefSeq Size: | 2555 |
| Cytogenetics: | 1q25.1 |
| RefSeq ORF: | 1032 |
| Synonyms: | C1orf155; CENP-L; dj383J4.3 |
| Summary: | 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] |

Product images:



Coomassie blue staining of purified CENPL protein (Cat# [TP309587]). The protein was produced from HEK293T cells transfected with CENPL cDNA clone (Cat# [RC209587]) using MegaTran 2.0 (Cat# [TT210002]).