

Product datasheet for TP309587M

OriGene Technologies, Inc.

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CENPL (NM 033319) Human Recombinant Protein

Product data:

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 >RC209587 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MDSYSAPESTPSASSRPEDYFIGATPLQKRLESVRKQSSFILTPPRRKIPQCSQLQEDVDPQKVAFLLHK QWTLYSLTPLYKFSYSNLKEYSRLLNAFIVAEKQKGLAVEVGEDFNIKVIFSTLLGMKGTQRDPEAFLVQ IVSKSQLPSENREGKVLWTGWFCCVFGDSLLETVSEDFTCLPLFLANGAESNTAIIGTWFQKTFDCYFSP LAINAFNLSWMAAMWTACKMDHYVATTEFLWSVPCSPQSLDISFAIHPEDAKALWDSVHKTPGEVTQEE

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DLFMDCLYSHFHRHFKIHLSATRLVRVSTSVASAHTDGKIKILCHKYLIGVLAYLTELAIFQIE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38.8 kDa

Concentration: $>0.05 \mu g/\mu L$ 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: NP 201576

Locus ID: 91687





UniProt ID: Q8N0S6

RefSeq Size: 2555 Cytogenetics: 1q25.1 RefSeq ORF: 1032

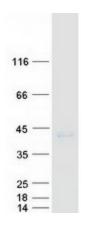
Synonyms: C1orf155; CENP-L; dJ383J4.3

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]).