

Product datasheet for PH309587

CENPL (NM_033319) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CENPL MS Standard C13 and N15-labeled recombinant protein (NP_201576)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209587
Predicted MW:	39 kDa
Protein Sequence:	>RC209587 protein sequence Red=Cloning site Green=Tags(s)

MDSYSAPESTPSASSRPEDYFIGATPLQKRLESVRKQSSFILTPRRKIPQCSQLQEDVDPQKVAFLHLK
QWTLYSLTPLYKFSYSLKEYSRLLNAFIVAQKQGLAVEVGEDFNKIVIFSTLLGMKGTQRDPEAFLVQ
IVSKSQLPSENREGKVLWTGWFCVFGDSLLETVSEDFTCLPLFLANGAESNTAIGTWFKTFDCYFSP
LAIAFNLSWMAAMWTACKMDHYVATTEFLWSVPCSPQSLDISFAIHPEDAKALWDSVHKTPGEVTQEEV
DLFMDCLYSHFHRHFKIHLSATRLVRVSTSVASAHTDGKIKILCHKYLIGVLAYLTELAIQIE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_201576</u>
RefSeq Size:	2555
RefSeq ORF:	1032
Synonyms:	C1orf155; CENP-L; dJ383J4.3
Locus ID:	91687



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UniProt ID: [Q8N0S6](#), [A0A024R8Z8](#)

Cytogenetics: 1q25.1

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]).