

Product datasheet for PH309959

CENPP (NM_001012267) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CENPP MS Standard C13 and N15-labeled recombinant protein (NP_001012267)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209959
Predicted MW:	33.2 kDa
Protein Sequence:	>RC209959 protein sequence Red=Cloning site Green=Tags(s) MDAELAEVRALQAEIAALRRACEDPPAPWEEKSRVQKSFQAIHQFNLEGWSSKDLKNQLGHLESELSFL STLTGINIRNHKSQTEDLTSTEMTEKSIRKVLQRHRLSGNCHMVTFLQLEFQILEIQNKERLSSAVTDLNI IMEPTECSELSEFVSRAEERKDLFMFFRSLHFFVEWFEYRKRTFKHLKEKYPDAVYLSEGPSSCSMGIRS ASRPGFELVIVWRIQIDEDGKVFPKDLLTKVPQRALELDKNRAIETAPLSFRTLVLGLLGIEAALESLLK SLCAEENN 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_001012267</u>
RefSeq Size:	3413
RefSeq ORF:	864
Synonyms:	CENP-P
Locus ID:	401541


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UniProt ID: Q6IPU0

Cytogenetics: 9q22.31

Summary: CENPP 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 CENPP protein (Cat# [TP309959]). The protein was produced from HEK293T cells transfected with CENPP cDNA clone (Cat# [RC209959]) using MegaTran 2.0 (Cat# [TT210002]).