

Product datasheet for SC333617

CENPP (NM_001286971) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CENPP (NM_001286971) Human Untagged Clone
Tag:	Tag Free
Symbol:	CENPP
Synonyms:	CENP-P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333617 representing NM_001286971. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGGCTCCAGCTGGTCTGTTCTGCAAAGGTCTGGAGATGAGGAAAAGTACCCAGATGCCGTGTAC
 CTCTCGGAGGGGCCCTCCTCTGCTCCATGGGGATCCGCAGCGCCAGCCGGCCAGGGTTTGAATTAGTC
 ATTGTTTGGAGGATACAAATAGATGAAGATGGGAAGGTTTTTCCAAAGCTGGATCTTCTACCAAAGTC
 CCACAGCGAGCCCTGGAGCTGGACAAGAACAGAGCCATAGAACTGCTCCTCTCAGCTTCCGAACCTG
 GTAGGACTGCTTGAATCGAAGCTGCTCTGAAAGCCTGATAAAATCGCTTTGTGCAGAGGAGAACAAC
 TAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001286971
Insert Size:	348 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).


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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001286971.1](#)

RefSeq Size: 2570 bp

RefSeq ORF: 348 bp

Locus ID: 401541

UniProt ID: [Q6IPU0](#)

Cytogenetics: 9q22.31

MW: 12.7 kDa

Gene 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]
 Transcript Variant: This variant (3) lacks several 5' exons but includes an alternate 5' terminal exon, and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (c) has a distinct N-terminus and is shorter than isoform a.