

Product datasheet for **SC323879**

CENPP (NM_001012267) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CENPP (NM_001012267) Human Untagged Clone
Tag:	Tag Free
Symbol:	CENPP
Synonyms:	CENP-P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001012267.1 GCGCGCAGGTCGGAGTGACAGCTGCGCTGCCGGCCCGGCTGCGGTCAGCAACGCGCCATG GACGCAGAGCTGGCAGAGGTGCGCGCCTTGCAAGCTGAGATCGCGGCCCTGCGGCGAGCG TGTGAGGACCCACCGGCGCCCTGGGAAGAGAAGTCCCGAGTCCAAAAATCTTTTCAAGCC ATACACCAATTCAATTTGGAAGGATGGAAGTCTTCAAAAGATCTGAAAAATCAGCTTGA CATTTAGAATCAGAACTTTCTTTCTAAGTACGCTTACTGGCATCAATATAAGAAATCAC TCCAAGCAGACAGAAGACCTAACAAGCACTGAGATGACAGAAAAGAGTATTAGAAAAGTT CTACAGAGACACAGATTATCAGGAAATTGCCACATGGTTACATTTCAACTTGAATTTGAG ATTCTGGAATTCAGAATAAGGAGAGATTATCTTCTGCTGTTACTGACCTCAACATAATA ATGGAGCCACAGAATGCTCAGAATTAAGTGAATTTGTGTCTAGAGCAGAAGAGAGAAAA GATCTGTTTCATGTTTTCCGAAGCCTGCATTTTTTTGTGGAGTGGTTTGAATATCGTAAG CGCACGTTTAAACATCTCAAGGAAAAGTACCCAGATGCCGTGTACCTCTCGGAGGGGCC TCCTCCTGCTCCATGGGATCCGCAGCGCCAGCCGGCCAGGGTTTGAATTAGTCATTGTT TGGAGGATACAAATAGATGAAGATGGGAAGGTTTTTCCAAAGCTGGATCTTCTCACCAAA GTCCCACAGCGAGCCCTGGAGCTGGACAAGAAGAGCCATAGAACTGCTCCTCTCAGC TTCCGAACCTGGTAGGACTGCTTGAATCGAAGCTGCTCTGGAAGCCTGATAAAATCG CTTTGTGCAGAGGAGAACAACTAGTTCCAAACAGTGAACGTGGAGGATGAAGATGCTGC GTGGAGGAACATGCAATTTTATTCAATATAAACATTTGCTATTTTCTGCTTAGAAACCAC ACCCTGAAGACGTGCTGTCTATGCAGTTATGGCACATTATATGGAACTCTCATGACATG AAAAAATAATACTAGTTAAGTATAAAATGCCAAATAAAAGTGACACGTACAATGTGG TTTATAAAAAAAAAAAAAA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_001012267


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).
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:	<u>NM_001012267.1, NP_001012267.1</u>
RefSeq Size:	3428 bp
RefSeq ORF:	867 bp
Locus ID:	401541
UniProt ID:	<u>Q6IPU0</u>
Cytogenetics:	9q22.31
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 (1) represents the longest transcript and encodes the longest isoform (a).