

Product datasheet for SC322285

CENPH (NM_022909) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CENPH (NM_022909) Human Untagged Clone
Tag:	Tag Free
Symbol:	CENPH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for SC322285</p> <pre> GTGGCGGAAAAAGCGACCTTTTCTGAGCGCGTTTGCTGTTGAGTGGTAGCCTTTCCCT CAACCAGCAATGGAGGAGCAGCCCAGATGCAAGACGCCGACGAGCCCGGGACTCCGGA GGGAAGGCCGGCAGGCGGGCCACCGCAGGTCGCCGGCCAGCGGGGTGCAGCGAG GACCGCATGACCTGCTCCTCAGGCTGAGAGCACAGACAAAACAACAACCTTTAGAAAT AAATCAATGGTTGATGCAAGTGAAGAAAAACTCCAGAACAATTATGCAAGAAAAGCAA ATCGAAGCTAAAATTGAAGACCTGGAAAATGAAATTGAAGAGGTAAAAGTTGCTTTTGG ATAAAAAGCTTGCAATTAGACAGGATGAGACTTCAACTGCACCTAAAAAAAACCTGGAG AAAATTAGCAGACAGTCTAGTGTGCTCATGGATAACATGAAACACCTATTAGAGCTAAAT AAATTAATAATGAAATCACAGCAGGAATCTTGGGATTTAGAGGAAAAACTGCTTGATATT AGAAAGAAGAGATTGCAATTAACAAGCTTCAGAAAGTAAAGCTTTTAGAAATACAGACT GAAAAGAACAACAAGAGATTGATTTGGACAGTATGGAAAACTCAGAGAGGATAAAGATC ATACGACAAAACCTACAGATGGAGATAAAAAATTACTACTGTTATTCAACATGTGTTCCAG AACCTTATTTGGGGAGTAAAGTCAATTGGGCAGAGGATCCTGCCCTTAAGGAAATTGTT CTGCAGCTTGAGAAGAATGTTGACATGATGTAATAAGAATTCATTTCTGACATATTTTAC ATTTCTGGCAATCTCAACTCTTATTTGGAATACTTCTGTGCATTTGTCTGCCACCGTAA TTTTAGAAAAGCATATCCATAACGTTTACAGTTGTAGTACAGTTGTGGTTAGTTATTTGT AGTGGGATTGAAAGTAAATTTTTCTTTTTATATTTCTATATTTAGTTTGTTTTTTGT GTTGTTGTTTTTGGAGATGGAGTCTCGCTTTGTTGCCAGACTGGAGGGCAGTGGCGCA TCTCGGCTCACTGCAACCTCTGCCTCCCGGTTCAAGCAGTTCTGCCTCAGCCTCCAAG TAGCTGTGACTAAAGGTGCACGCCGCTATGCCAGCTAATTTTTTGTATTTTAGTAGAGA CGGGGTTTACCCTGTTGCCAGGCTGCTCTCAGAACTCCTGAGCTCAGGCAGTCCACCG CCTCGGCTACCGAAGTCTAGGATTACAGACGTAAGCCACCGAGCCTGGTCTAGTTTGC ATTTTTTTCTATCAGTTTTATAAGTTAAGAAATAAAGGAATTAATGTTAAAAA AAAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_022909



[View online »](#)

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:	<ol style="list-style-type: none">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_022909.3 , NP_075060.1
RefSeq Size:	1405 bp
RefSeq ORF:	744 bp
Locus ID:	64946
UniProt ID:	Q9H3R5
Cytogenetics:	5q13.2
Protein Families:	Druggable Genome
Gene Summary:	Centromere and kinetochore proteins play a critical role in centromere structure, kinetochore formation, and sister chromatid separation. The protein encoded by this gene colocalizes with inner kinetochore plate proteins CENP-A and CENP-C in both interphase and metaphase. It localizes outside of centromeric heterochromatin, where CENP-B is localized, and inside the kinetochore corona, where CENP-E is localized during prometaphase. It is thought that this protein can bind to itself, as well as to CENP-A, CENP-B or CENP-C. Multimers of the protein localize constitutively to the inner kinetochore plate and play an important role in the organization and function of the active centromere-kinetochore complex. [provided by RefSeq, Jul 2008]