

Product datasheet for **SC120745**

CEP20 (NM_144600) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP20 (NM_144600) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP20
Synonyms:	C16orf63; FOPNL; FOR20; PHSECRG2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120745 sequence for NM_144600 edited (data generated by NextGen Sequencing) ATGGCGACTGTGGCAGAGTTGAAGGCTGTTTTAAAGGACACCTTGAAAAAAGGGGGTA TTAGGGCATTAAAAAGCAAGGATCCGAGCTGAAGTTTTCAATGCCCTAGATGATGACCGT GAACCCCGACCATCATTGTCTCATGAAAACCTTCTAATTAATGAATTAATTCGAGAGTAT TTAGAATTCAACAAATATAAGTATACAGCATCTGTCTCATAGCAGAATCTGGTCAACCT GTAGTTCCGTTGGACAGACAGTTTCTCATCCATGAACTAAATGCATTTGAAGAATCAAAG GATAATACAATACCTCTTTTATATGGGATTTTAGCCCATTTCTTGCGTGGAAGTAAAGGAT GGCATCCAGAATGCATTTCTGAAAGGGCCTTCACTTCAGCCTTCAGACCCAAGTCTTGGC AGACAACCTAGTAGAAGAAAGCCAATGGATGACCACCTAAGAAAGGAGGAACAGAAAAGT ACTAACATTGAAGATCTTCATGTTTCTCAGGCAGTCAACAGATAA Clone variation with respect to NM_144600.2



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_144600 unedited <pre> TAGATTTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCCCTGGCGG CCGTTGAAAAAGGCGACTGTGGCAGAGTTGAAGGCTGTTTTAAAGGACACCTTGNGAAAA AAAGGGGGTATTAGGGCATTTAAAGCAAGGATCCGAGCTGAAGTTTTCAATGCCCTAGA TGATGACCGTGAACCCCGACCATCATTGTCTCATGAAAACCTTCTAATTAATGAATTAAT TCGAGAGTATTTAGAATTCAACAAATATAAGTATACAGCATCTGTCCTCATAGCAGAATC TGGTCAACCTGTAGTTCCGTTGGACAGACAGTTTCTCATCCATGAACATAATGCATTTGA AGAATCAAAGGATAATACAATACCTCTTTTATATGGGATTTTAGCCCATTTCTTGCGTGG AACTAAGGATGGCATCCAGAATGCATTTCTGAAAGGGCCTTCACTTCAGCCTTCAGACCC AAGTCTTGGCAGACAACCTAGTAGAAGAAAGCCATGGATGACCACCTAAGAAAGGAGGA ACAGAAAAGTACTAACATTGAAGATCTTCATGTTTCTCAGGCAGTCAACAGATAATGCTT TGTTTGGGGTATCTTTTGTCTTAAATTTGATTATTAATTAATAACTTATTTATTGTCC CAATGTTACCAAAATGCACCACTAATGTTTGTAGAAATGGAGTTTCTACAAAACACCCC TCATGTTTAACTACATTTGTGAATAAAAGCTAACTCTTGTCTAGCTTATTGGATTTG ACTTGAACAAAAAAGTATTGTTTACGAAGTATTNNTTTGTTTTTGGAGTGGAGTCTCG CTCTGTACCCAGACTGGAGTGCAGTGGCACGATCTCGGCTCACTGCAATCTCTGNCTCC GGNATCAAGTGATCTCTGNCTCAGCCTNCCAAGTAGCTGGAACCAAGCCTGTGCACCCA CCGNAGTAGTTTTGATTTAGTAGAGAGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_144600
Insert Size:	2400 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).
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_144600.1</u> , <u>NP_653201.1</u>
RefSeq Size:	2252 bp
RefSeq ORF:	525 bp
Locus ID:	123811
UniProt ID:	<u>Q96NB1</u>
Cytogenetics:	16p13.11
Domains:	LisH

Gene Summary:

Involved in the biogenesis of cilia (PubMed:20551181). Required for the recruitment of PLK1 to centrosomes and S phase progression (PubMed:24018379).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes isoform 1.