

Product datasheet for **SC327259**

CEP120 (NM_001166226) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP120 (NM_001166226) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP120
Synonyms:	CCDC100; JBTS31; SRTD13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001166226, the custom clone sequence may differ by one or more nucleotides

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ATGCTTGTAGTGGAAAGCAAAGTTTGATGGAGAACAGTTGGCTACTGATCCTGTGGACCAC
ACTGACCAGCCAGAATTTGCTACTGAGTTAGCTTGGGAAATTGACAGGAAAGCGCTTCAT
CAGCACAGGCTACAGCGTACTCCTATCAAACCTCCAATGTTTTGCCTTGGATCCTGTAAC
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CAGGCACCAAAATGGTACCAGTGTGAGTAATAAATACACCAAATTCAGTCTGAGATA
CAGATAAGTATTGCTTTGGAAACCGATACAAAGCCACCAGTGGATAGCTTTAAAGCAAAG
GGGGCTCCCCCTCGAGATGGAAAAGTACCTGCCATCCTGGCTGGACTTGACCCCAGGGAC
ATTGTGGCTGTGCTGAATGAAGAGGGAGGCTACCATCAGATTGGACCAGCAGAATACTGT
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CAAGGATCAAATAACAGGATAGCAGATCTTCTTACACAGTGACTCTAGAAGATTATGGA
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GGAAAAAAGGATGGCCCCATGGCAGTGTATTGGAAGAAGGTTTGGATGATTATTGACT
CGCCTGATAGAAGAAAGGATACTTTGATGAGAACGGGTGTGATAATCACGAGGATCGA
ATAATAAGTGAATCGACCGACAGATCAGAGAGATTTTGGCAAAAAGCAATGCCAGTAAT
    
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Restriction Sites: Please inquire

ACCN:	NM_001166226
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:	<u>NM_001166226.1</u> , <u>NP_001159698.1</u>
RefSeq Size:	4647 bp
RefSeq ORF:	2883 bp
Locus ID:	153241
UniProt ID:	<u>Q8N960</u>
Cytogenetics:	5q23.2
Gene Summary:	<p>This gene encodes a protein that functions in the microtubule-dependent coupling of the nucleus and the centrosome. A similar protein in mouse plays a role in both interkinetic nuclear migration, which is a characteristic pattern of nuclear movement in neural progenitors, and in neural progenitor self-renewal. Mutations in this gene are predicted to result in neurogenic defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>