

Product datasheet for **SC127097**

CEP27 (HAUS2) (NM_018097) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP27 (HAUS2) (NM_018097) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP27
Synonyms:	C15orf25; CEP27; HsT17025
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127097 sequence for NM_018097 edited (data generated by NextGen Sequencing)

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ATGGCCGCTGCCAACCCGTGGGACCCGGCGTCCGCGCCTAACGGCGCTGGGCTAGTGCTA
GGCCACTTCATAGCTTCGGGGATGGTCAATCAGGAGATGTTAAACATGTCTAAGAAAACA
GTTTCTTGTTTTGTGAACTTCACCAGACTACAGCAGATCACAAATATTCAAGCTGAAATC
TACCAGAAAAACCTGAAATTTGAACTCCTGAAACTAGAAAAAGATACAGCAGATGTTGTT
CATCCTTTCTTTTTGGCTCAGAAGTGTCATACTCTGCAAAGCATGAATAATCATTGGAA
GCAGTGCTGAAAGAGAAGAGATCCCTTAGGCAAAGACTGTTGAAACCCATGTGCCAGGAA
AACTTACCTATTGAAGCTGTTTATCACAGATATATGGTACATTTGCTGGAGTTGGCTGTG
ACTTTCATTGAGAGATTAGAAACCCACCTTGAACAATTAGAAAATATTCCTCATTAGCT
GCAAATCTAAAGAAAATGAACCAGGCTTTAGCAAAGATGGATATATTGGTACTGAGACA
GAAGAAGTGGCAGAGAATACTCAAGTGGCGTAAACAACAAAACGAAGTTTCGTCTTGT
ATCCCCAAAATATTAGCTGAAGAAAGTTATCTTTATAAACATGATATTATAATGCCTCCT
TTACCTTTTACTTCTAAAGTTCATGTCCAAACTATTAATGCCAAGTAG
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Clone variation with respect to NM_018097.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018097 unedited GGGTCAACATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGCGGAAGTG CGTCCGAGCCATGGCCGCTGCCAACCCGTGGGACCCGGCGTCCGCGCCTAACGGCGCTGG GCTAGTGCTAGGCCACTTCATAGCTTCGGGGATGGTCAATCAGGAGATGTTAAACATGTC TAAGAAAAACAGTTTCTTTGTTTGTGAACCTCACCAGACTACAGCAGATCACAAATATTCA AGCTGAAATCTACCAGAAAAACCTGAAATTGAACTCCTGAAACTAGAAAAAGATACAGC AGATGTTGTTTCATCCTTTCTTTTGGAGATGAAGTCTTGCTATGTTGCCAGGCTGGTCT CGAACTCATGGCCTCAATTCTCCGTTTCACTCTCCAAAACACTGCGATTACAGCTCAG AAGTGTCATACTCTGCAAAGCATGAATAATCATTGGAAAGCAGTCTGAAAGAGAAGAGA TCCCTTAGCAAAGACTGTTGAAACCCATGTGCCAGGAAAACTTACCTATTGAAGCTGTT TATCACAGATATATGGTACATTTGCTGGAGTTGGCTGTGACTTTCATTGAGAGATTAGAA ACCCACCTTGAACAATTAGAAATATTCCTCATTTAGCTGNCAATCTAAAGAAAAAGAAC CAGGCTTAGCAAAGATGGATATTTGGTACTGAGACAGAAGAACTGGCAGAGAATATA CTCAAGTGGCGTAAACAACAAAACGAAGTTTCGTCTTGATCCCCAAATATTAGCTGAAG AAATTATCTTTAATCATGATATTATAATGCCTNCTTTCTTTTACTTCTAAATTCATGT NCAACTATTATGCNCAAGTAGTCATCACTNTATTTGCTTAATATGTGTAGCATATGAAGT CATTTCTAGTGACTGTACATGGGTATAATAGNCTTGCTGCA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018097 unedited GTCCAATATGGAACCGCGCCGCAATCTAGNGATCAGTTTTTTTTTTTTTTTTTTGAGA CAGGGTCTTACTGTGTCGCCAGGCTGTAGCGCAGTGGCGTGATCATGACTCATTGCAAC CATGACCTCACAGGCTTATGTGATCCTCTTACCTCAGCCTCCCCAAGTGTAGGATTACA GGTGTGAGCCACCACACCAGACGATAAACACACATTTTTAAAAAAGAGAATTTCCACC TGAGAAATGGTTAATTCATTATATTAATAAATGTCATGGCTATTTTTAGCTTCTCTA GTTTTACTGAAAGGTAGAATAAAAAATATGAAAAACAAAGGAAAAGTCAGTTTGGTCTT AATGAACCTGAGATCTTGATACTCCAATATAAAGCAAGGCTTTTTCAGTTTTACCCGCCGC CAAACTATTAATACCATGTTACAGTTCACTAGAAATAGACTTTCTATGACTACCCATA TTTAAGCAAAAATAAGTTGATGACTACTTGGGCTTTATAGTTGGACATGAACTTTTAA GTA AAAAGGTAAGGAGGCATTATAATCATGTTTATAAAGATACTTTTCTTCAGCTAA TATTTTGGGGATACAAGACGAAACTTTCGTTTTGTGGTTTACGCCACCTTGAGTATANTC TCTGGCCAGTTTCTCTGTCTCAGTCACCAATATATCCATCTTTGCTAAAGCCGGNTCA TTTTCTTTAATTTGCAGCTAAATGAGGATAATTCTAATTGTTTCAAGGGGGTTTTCTTAT CTCTCAAGAAAGTCCCAGCCCACTCCAGCAAAGTACCATATATCTGTGATAAACAGCTTC ATAGGGTAATTTTCTGGCCAATGGTTTAAAGTTTTGGCTAAGGATCTTCCCTTAAC CCGGCTCCAATGATTTT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018097
Insert Size:	1300 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: [NM_018097.1](#), [NP_060567.1](#)

RefSeq Size: 1754 bp

RefSeq ORF: 708 bp

Locus ID: 55142

UniProt ID: [Q9NVX0](#)

Cytogenetics: 15q15.2

Gene Summary: The protein encoded by this gene is a subunit of the augmin complex. The augmin complex plays a role in microtubule attachment to the kinetochore and central spindle formation. [provided by RefSeq, Apr 2016]
Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.