

Product datasheet for **SC325601**

CEP27 (HAUS2) (NM_001130447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP27 (HAUS2) (NM_001130447) Human Untagged Clone
Tag:	Tag Free
Symbol:	HAUS2
Synonyms:	C15orf25; CEP27; HsT17025
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325601 representing NM_001130447. Blue=Insert sequence Red=Cloning site Green=Tag(s)

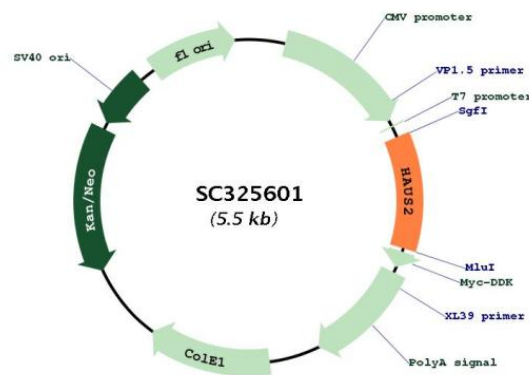
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGCTGCCAACCCGTGGGACCCGGCGTCCGCGCCTAACGGCGCTGGGCTAGTGCTAGGCCACTTC
ATAGCTTCGGGGATGGTCAATCAGAAAAACCTGGAAATTGAACTCCTGAAACTAGAAAAAGATACAGCA
GATGTTGTTTCATCCTTTCTTTTGGCTCAGAAGTGCATACTCTGCAAAGCATGAATAATCATTTGGAA
GCAGTGTGAAAGAGAAGAGATCCCTTAGGCAAAGACTGTTGAAACCCATGTGCCAGGAAAACCTTACCT
ATTGAAGCTGTTTATCACAGATATATGGTACATTTGCTGGAGTTGGCTGTGACTTTCATTGAGAGATTA
GAAACCCACCTTGAAACAATTAGAAATATTCCTCATTTAGCTGCAAATCTAAAGAAAATGAACCAGGCT
TTAGCAAAGATGGATATATTGGTACTGAGACAGAAGAACTGGCAGAGAATATACTCAAGTGGCGTAAA
CAACAAAACGAAGTTTCGTCTTGTATCCCCAAAATATTAGCTGAAGAAAGTTATCTTTATAAACATGAT
ATTATAATGCCTCCTTTACCTTTTACTTCTAAAGTTTCATGTCCAAACTATTAATGCCAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:



ACCN: NM_001130447

Insert Size: 615 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).

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: [NM_001130447.1](#)

RefSeq Size: 3860 bp

RefSeq ORF: 615 bp

Locus ID: 55142

UniProt ID: [Q9NVX0](#)

Cytogenetics: 15q15.2

MW: 23.3 kDa

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 (2) lacks an alternate, in-frame, segment in the CDS, compared to variant 1. The resulting protein (isoform 2) is shorter when it is compared to 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.