

Product datasheet for **SC336167**

CEP70 (NM_001288967) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEP70 (NM_001288967) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEP70
Synonyms:	BITE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336167 representing NM_001288967. Blue=Insert sequence Red=Cloning site Green=Tag(s)

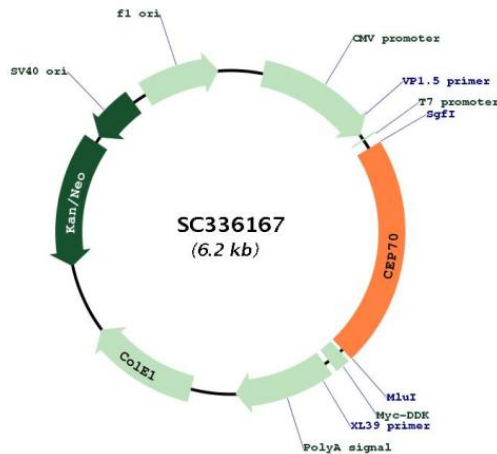
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CAAATGGAAGTCTGTAGATTAAGAAAGGAGGAAGAAGTCGCATTGCTCAAAACAGAGTGTTTGCC
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001288967

Insert Size: 1338 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_001288967.1](#)

RefSeq Size: 2301 bp

RefSeq ORF: 1338 bp

Locus ID: 80321

UniProt ID: [Q8NHQ1](#)

Cytogenetics: 3q22.3

MW: 52 kDa

Gene Summary:

Plays a role in the organization of both preexisting and nascent microtubules in interphase cells. During mitosis, required for the organization and orientation of the mitotic spindle. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (5) differs in the 5' UTR and 5' coding region and initiates translation at an alternate start codon, compared to variant 1. It encodes isoform 5, which is shorter and has a distinct N-terminus, compared to isoform 1.