

## Product datasheet for **SC334896**

### FAM190B (CCSER2) (NM\_001284243) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM190B (CCSER2) (NM_001284243) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM190B
Synonyms:	bA486O22.1; FAM190B; Gcap14; KIAA1128
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001284243, the custom clone sequence may differ by one or more nucleotides

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ATGAACCGCTTTGACCGACCAGACAGAAATGTTTCGGCAGCCTCAGGAAGGTTTTGGAAAAGGCCACCCC  
AGAGGTGGAGTGGACAGGAGCATTACCACCTCAGCCACCCTGACCACTATCATCACCATGGAAAAAGTGA  
CTTGAGCAGAGGCTCTCCCTATAGAGAATCTCCTTTGGGTCAATTTGAAAGCTATGGAGGGATGCCCTTT  
TTCCAGGCTCAGAAGATGTTTGTGATGTACCAGAAAATACAGTGATACTGGATGAGATGACCTTCGGC  
ACATGGTTCAGGATTGCACTGCTGTA AAAA ACTCAGTTACTCAA ACTGAAACGTCTCCTGCATCAGCATGA  
TGAAGTGGTTCATTGCATGATATCAACTGTCATTGCCATCCAGTCCAGAACCAGAAGATGGTGATAAA  
GTATATAAGAATGAAGATTTATTAATGAAATAAAACA ACTTAAAGACGAAATAAAGAAAAAAGATGAAA  
AGATCCA ACTATTAGA ACTTCAGCTTGCAACTCAGCATATCTGCCACCAAAAATGTAAAGAGGAAAAATG  
CACTTATGCTGATAAATATACCCAAACACCCCTGGAGACGAATTCCTGGTGGGTATTCTGCTCCCTCCTTC  
TCTCCTTGGCAGGGCTCCTTCCAGGGGATCCCACGGACTGTTCCACCGCACCGCAGACAGACCTCAAGTA  
CTACAGCCTTCCAGCAGCCTTCCAGACCCACAGATCACACCCAGGGAAAACTAATAAAGCCACAACGTA  
TCGAGGCCCGCAGTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001284243
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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001284243.1, NP_001271172.1</u>
<b>RefSeq Size:</b>	5906 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	54462
<b>UniProt ID:</b>	<u>Q9H7U1</u>
<b>Cytogenetics:</b>	10q23.1
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Microtubule-binding protein which might play a role in microtubule bundling. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, lacks a portion of the 5' coding region, initiates translation at a downstream start codon, and contains an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (5) is shorter and has a distinct C-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>