

## Product datasheet for **MC221950**

### **Ccser2 (NM\_027045) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccser2 (NM_027045) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccser2
Synonyms:	1700012P13Rik; 2900054P12Rik; AI035535; AW108503; Fam190b; Gcap14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221950 representing NM\_027045  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGAAAAACACAATCAAGACATTTTTGGGTTCCAAGCTGCCGAAATATGGAATGAAATCTGTGA  
 GAAGTACATTGCAGCCGATGCCAAATGGCGCCACTGTGACTTTATTAGGGACCTCCAAGAGTAGTAAATGT  
 CAAAAGTTACATAAAAAATAATGGCTCTGATTGTTTCATTGTCCTTCATTAAATGGAGAAAAACAAT  
 AAATATCAACTTGGTTCACAAAATACAGCAGAAGTAAATAATATCAAAGTACACATGATAAACTAATTG  
 AGCCTGAACAACATGCACCTGCTCCAGGAACGCTGGATGGGCATGGGATAAAGGGAGGTTTGAAAAGTGC  
 TTCCTTGTTCACATCCAAGTTAGCAAGACCATCAACCATGTTTGTGTATCGGCAGAGGAGTTAAGTCAA  
 AAATCTTCTCTGGACCATCTAATTTGGGTAATTTACCAAAGGCACATTACTAGGAAGGACTTCATATT  
 CTTGCGTCAATGCGAAGTACATTTGAATGCGTTTTATGGGAACAGATCTTCTGGTAACGTGCAGAAGCC  
 AAGAGTGAAGTCTGTGCCAGCAGAAGTAGTTCTGGGAAAGCTTAGCACAGTCCCAGACAATGCTAAA  
 TCTATCATTGTGAAAAATGGTAAGGTCAAAAGTTTTTCACATTCCATTGAGAATGTCTTCTCCAC  
 CTTTCATCTATAACCAGATCGCATTCTTCAACAGAGCTGTAGACCTTACAAGCCTTATCAGAACCAACA  
 GCTCCCGTTTCGAGTGCCTCTCCGGTACGGTATGCTAACAAAGAAGTTCTCTGCAGTCAAGAGTACTCAAT  
 GGGAAACGAACATGTGGGGTTTGGTTTTAATAGGCCTTAGCTGTCTGGAAAGAAACTGGCCTTATCCA  
 ATGGCCCCGCTGTCTCGTCCACGTTGGTTTTATAGGATGGCTATCCCCCTCTACTGAAATCTAGCCGACC  
 TCCATTTTCTGGGCCATGACAGTTGACAGTAATAAAAACCCACCTGTGACATGTGCGTAGAGGAAGAA  
 GGTATGGTTTTCAGCCAGGACAGCTCTCCGGTAAGGACCAAGAACTAATTGAAAATGAAAGTTACCGAA  
 GAGACAATGACCAGACTGGGAAGAAGTCTAAAGTTAGTACCTGAGCGATGACGTGGATGATTTTC  
 CTTGTCGTCTTGTGCTTCCGACAAGAATGATTTAAGTGAAGATTTTCAGCGATGATTTTCATAGACTTA  
 GAGGACTCCAACAGAAGTAGAATAACGCCAGAGAAATGACTCTCAAAGAAGAAAAGCATGAGAGCAGAC  
 CATCAAAGGATATATTTGATTCTCCTAAGGAAAGTGAAGAGGCTTTCAGTAAAGCTGAAGAGTGGATAGA  
 TATAAGTGTCTCTGACAGGAGTGAATGTACAAAGCATAACATCTGGAAACAAGTATTTACCCGGATACG  
 GATTACAGAGCTGGGCTTTCATTTGAAGTCTCTCCGTCGATAGCTCTGATGGAACGTACATGTGGGATG  
 AAGAGGGCTGGAGCCATTGGGAGTGTCCATCCTGTTGGCAGCTATGAGTCTCTGAAATGAACAGCAT  
 AGATATTTCTGAATAACCTTGAGTCGTGTGACCTTGAGGATGATGACCTTATGTTGGATGTGGATTTGCCG  
 GAGGACGCACCTTTGAAAATGTGGAGTGTGACAATATGAACCGCTTTGACCGAACAGACAGAAATGTAC  
 GACAGTCGAGGACGGATTTTGGAAAAGGCCACCCAGAGGTGGAGTGGCAGGACCATTACCACCTCAG  
 CCACCCTGGTCACTATCATCACCATGGACAAAAGTGAAGTGTGAGCAGAGGCTCTCCTTATAGAGAATCTCT  
 TTGGGTCAATTTGAAAGCTATGGAGGGACCCCTTTTTCCAGGCTCAGAAGATGTTTGTAGATGTGCCCG  
 ACAACACAGTGTCTGGATGAGATGACCTCCGGCACATGGTCCAGGATTGCACAGCTGTGAAAACGCA  
 GTTACTGAAACTCAAGCGTCTGTTACACCAGCATGACGGAAGTGGATCATTGCATGATGTTACAGCTCTCA  
 TTGCCATCCAGTCCAGAGCCAGAAGACGGTGTACAGATATATAAGAATGAAGATTTACTAAATGAAATAA  
 CACAACCTAAAGAGGAAATAAAGAAAAAAGATGAAAAATCCAATTTAGAGCAGCAGCTTGAAGTCTG  
 ATGTAAGTGTGAGCAGAAATCTAAAGAGGAAAAGTGTACATATGCTGATAAATATACCCAGACACCTGG  
 AGACGGATTCTGGTGGGATTGTGCACCTCCTTCTCTCCTTGGCAGGGCTCCTTCCAGGGGATGCCAC  
 GGACTGTACCGCCGACCCGAGACAGACCTCAAGTACTACAGCCTTCCAGCAGCCTTCCAGATCTACAG  
 ACCACGCCAGGGAAAATAAAGGCCACAACGTACCGAGGCCACAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027045  
**Insert Size:** 2502 bp

<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">NM_027045.1</a> , <a href="#">NP_081321.1</a>
<b>RefSeq Size:</b>	7500 bp
<b>RefSeq ORF:</b>	2502 bp
<b>Locus ID:</b>	72972
<b>UniProt ID:</b>	<a href="#">Q3UHI0</a>
<b>Cytogenetics:</b>	14 B
<b>Gene Summary:</b>	Microtubule-binding protein which might play a role in microtubule bundling. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes isoform 1.