

Product datasheet for **MC216684**

Ccser2 (NM_028407) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccser2 (NM_028407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccser2
Synonyms:	1700012P13Rik; 2900054P12Rik; AI035535; AW108503; Fam190b; Gcap14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC216684 representing NM_028407
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGATGTGGATTTGCCGGAGGACGCACCTCTTGAAAATGTGGAGTGTGACAATATGAACCGCTTTG
 ACCGAACAGACAGAAATGTACGACAGTCGACGAGCGGATTTTGGAAAAGGCCACCCAGAGGTGGAGTGG
 ACAGGACCATTACCACCTCAGCCACCCTGGTCACTATCATCACCATGGACAAAGTGACTTGAGCAGAGGC
 TCTCCTTATAGAGAATCTCCTTTGGGTCATTTTGAAAAGCTATGGAGGGACCCCTTTTCCAGGCTCAGA
 AGATGTTTGTAGATGTGCCCGACAACACAGTGATCCTGGATGAGATGACCCCTCCGGCACATGGTCCAGGA
 TTGCACAGCTGTGAAAACGCAGTTACTGAAACTCAAGCGTCTGTTACACCAGCATGACGGAAGTGGATCA
 TTGCATGATGTTAGCTCTCATTGCCATCCAGTCCAGAGCCAGAAGACGGTGTATCAGATATATAAGAATG
 AAGATTTACTAAATGAAATAACACAACCTAAAGAGGAAAATAAGAAAAAAGATGAAAAATCCAACCTATT
 AGAGCAGCAGCTTGCAACTCGATGTAACGTGCAGCAGAAATCTAAAGAGGAAAAGTACATATGCTGAT
 AAATATACCCAGACACCCCTGGAGACGGATTCCTCCTCAAGTACTACAGCCTTCCAGCAGCCTTCCCAGAT
 CTACAGACCACGCCAGGAAAACCTAATAAGCCACAACGTACCGAGGCCACAGTGACTACACAGTTCA
 AGGCGTGTGTCCGGTGGTGCAGATCCAGATGGAAGCTGTACACATGGCTTGCAACAGGACAACAGCCGT
 GGTTTGAAGAGCGTCTTCTTCGTCAAGCCCGCAGTTGACAGTGGATGTGGTGAAGTACATACCTTCTG
 AAACGGACCTGAGCATGACTCTGGATGCTCAAGAGCCTCATCATTTGGCAGAGAAAAACCTAGTGACTT
 GCAGTTTGAACCTCCTCCTCAGACCCCTTCCCAGTCAAGTACAGTGGACCAGACTAAGAGGGGTGGA
 AGAAACCAATGTCTCAGCCCAAGTCTTGCAGCTTTTAAAGCCATCCAACCTTGAAGTCTTTGACACCTC
 CTCCAGATTCTGACTCCTCACCAAGTAGAACTCCACATGTAAGAAGGCCACCAGGAATCACACCATGCCA
 TTCAAACATCAGCCAACATCGAATCAAAAACAATCCTGCAAATCATTTGAATCTGAAAACGTCTAAACTC
 CGTCCCTTCTGGCTCTTCAAGCAAAAACAATAAGTAACCCCAAGTAGAGCCTCAGAACTTCCAGG
 CCAAGACAAGCATCCAAGGCCATTAGCACGGCCAAAAGAGCTGCATGCTCCACACAGCGGTTTGCATTC
 TGGGGATTGTGTGGCCTAATCGATATTCTCGTCTTCTAAACCAAGATACAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_028407

Insert Size: 1458 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_028407.3](#), [NP_082683.2](#)

RefSeq Size: 5587 bp

RefSeq ORF: 1458 bp

Locus ID: 72972

UniProt ID: [Q3UHI0](#)

Cytogenetics: 14 B

Gene Summary: Microtubule-binding protein which might play a role in microtubule bundling.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) uses a different 5' UTR segment, uses a downstream start codon, and lacks a segment in the 3' coding region, compared to variant 1. These changes result in a frameshift. The encoded protein (isoform 2) has a shorter N-terminus and a distinct C-terminus when compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.