

Product datasheet for **RC203116**

CSN3 (NM_005212) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CSN3 (NM_005212) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: CSN3
Synonyms: CNS10; CSN10; CSNK; KCA
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC203116 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAGTTTTCTTCTAGTTGTCAATGCCCTGGCATTAAACCCTGCCTTTTTGGCTGTGGAGGTTCAA
ACCAGAAACAACCAGCATGCCATGAGAATGATGAAAGACCATTCTATCAGAAAACAGCTCCATATGTCCC
AATGTATTATGTGCCAAATAGCTATCCTTATTATGGAACCAATTTGTACCAACGTAGACCAGCTATAGCA
ATTAATAATCCATGTGTGCTCGCACATATTATGCAAACCCAGCTGTAGTTAGGCCACATGCCAAATTC
CTCAGCGGCAATACCTGCCAAATAGCCACCCACCCACTGTGGTAGTCGCCAAACCTGCATCCATCATT
TATTGCCATCCCCCAAAGAAAATTCAGGATAAAATAATCATCCCTACCATCAATACCATTGCTACTGTT
GAACCTACACCAGCTCCTGCCACTGAACCAACGGTGGACAGTGTAGTCACTCCAGAAGCTTTTTTCAGAGT
CCATCATCACGAGCACCCCTGAGACAACCACAGTTGCAGTTACTCCACCTACGGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203116 protein sequence
Red=Cloning site Green=Tags(s)

MKSFLLVNALALTLPLAVEVQNKQKPACHENDERPFYQKTAPYVPMYYVNSYPYYGTNLYQRRPAIA
INNPCVPRTYANPAVVRPHAQIPQRQYLPNSHPPTVRRPNLHPSFIAIPPKIQDKIIIPTINTIATV
EPTPAPATEPTVDSVVTPEAFSESIITSTPETTTVAVTPPTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

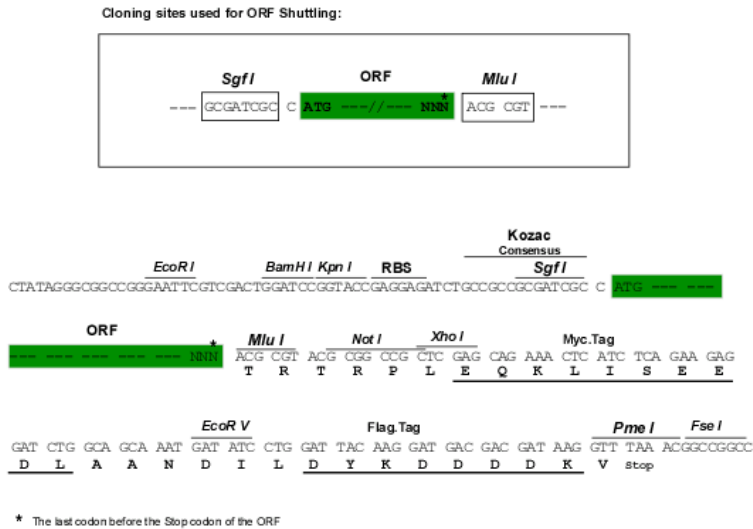
Chromatograms: https://cdn.origene.com/chromatograms/mk6055_g01.zip



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_005212

ORF Size: 546 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_005212.2](#)

RefSeq Size: 834 bp

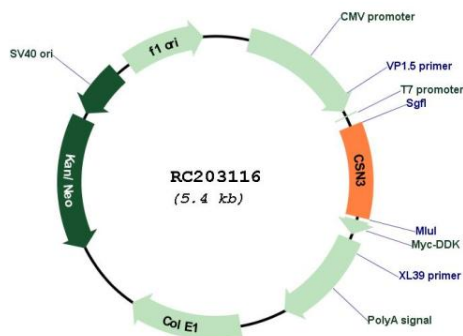
RefSeq ORF: 549 bp

Locus ID: 1448

UniProt ID: [P07498](#)

Cytogenetics:	4q13.3
Protein Families:	Secreted Protein
MW:	20.2 kDa
Gene Summary:	Kappa-casein stabilizes micelle formation, preventing casein precipitation in milk. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC203116