

Product datasheet for MR228566

Csn2 (NM_001286023) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csn2 (NM_001286023) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Csn2
Synonyms: Csnb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228566 representing NM_001286023
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGGTCTTCATCCTCGCCTGCCTTGCCCTTGCTCTTGCAAGAGAGGAATCTGTTGAACATATCA
ATGAGCAGAACTTCAGAAGGTGAATCTCATGGGACAGCTGCAGGCAGAGGATGTGCTCCAGGCTAAAGT
TCACTCCAGCATCCAGTCACAGCCCAGGCCTTCCATATGCTCAGGCTCAAACCATCTCTGCAATCCC
GTCCACAAAACATCCAGCCTATTGCTCAACCCCTGTGGTGCCATCTCTTGGGCCTGTCAATTTCTCCTG
AACTGGAATCCTTCCTTAAAGCTAAAGCCACCATCCTTCCAAGCACAAAACAGATGCCCTCCTTAACTC
TGAAACTGTGCTCCGCTCATAAATCTCAAATCCCCAGCCTTGCCAGTCTTGCTAATCTGCACCTTCTC
CAGTCTCTGGTCCAGCTCCTGGCACAGGTTGTTCCAGGCTTTTCTCAGACTCACCTGGTTTCTTCTCAGA
CCCAGCTGTCTTCTCAGTCCAAAGTTCTGTACTTTCTGCAGCAAGTAGCACCTTCTTCCACAAGA
TATGCTGTCCAAGACCTTCTGCAGTACCTAGAATCTTAACCCACCGTCCAATTCCTGCCACTCCA
CAACATTCCGTTTCTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR228566 representing NM_001286023
 Red=Cloning site Green=Tags(s)

MKVFILACLVALALAREESVEHINEQKLQKVNLMGQLQAEDVLQAKVHSSIQSQPQAFPYAQAQTISCNP
 VPQNIQPIAQPPVPSLGPVISPELESFLKAKATILPKHKQMPLLNSETVLRRLINSQIPSLASLANLHLP
 QSLVQLLAQVVQAFPQTHLVSSQTLQLSLPQSKVLYFLQQVAPFLPQDMSVQDLLQYLELLNPTVQFPATP
 QHSVSV

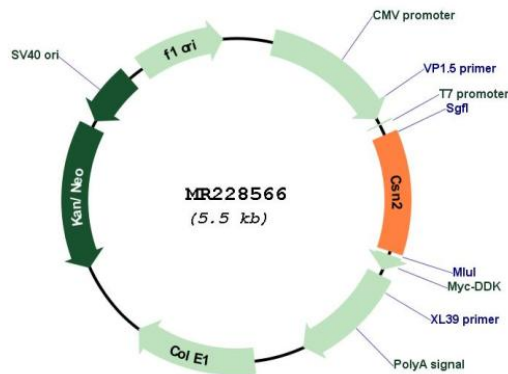
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001286023

ORF Size: 648 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:	<ol style="list-style-type: none">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_001286023.1 , NP_001272952.1
RefSeq Size:	1084 bp
RefSeq ORF:	651 bp
Locus ID:	12991
UniProt ID:	P10598
Cytogenetics:	5 43.56 cM
MW:	24.2 kDa
Gene Summary:	Important role in determination of the surface properties of the casein micelles. [UniProtKB/Swiss-Prot Function]