

Product datasheet for **MC226355**

Csn2 (NM_001286023) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csn2 (NM_001286023) Mouse Untagged Clone
Tag: Tag Free
Symbol: Csn2
Synonyms: Csnb
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226355 representing NM_001286023
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGTCTTCATCCTCGCCTGCCTTGCGCCCTTGCTCTTGAAGAGAGGAATCTGTTGAACATATCA
ATGAGCAGAACTTCAGAAGGTGAATCTCATGGGACAGCTGCAGGCAGAGGATGTGCTCCAGGCTAAAGT
TCACTCCAGCATCCAGTCACAGCCCAGGCCTTCCATATGCTCAGGCTCAAACCATCTCTTGAATCCC
GTCCACAAAACATCCAGCCTATTGCTCAACCCCTGTGGTGCCATCTCTTGGGCCTGTCAATTTCTCCTG
AACTGGAATCCTTCTTAAAGCTAAAGCCACCATCCTTCCAAGCACAAAACAGATGCCCTCCTTAACTC
TGAAACTGTGCTCCGCTCATAAATCTCAAATCCCCAGCCTTGCCAGTCTTGCTAATCTGCACCTTCTC
CAGTCTCTGGTCCAGCTCCTGGCACAGGTTGTTCCAGGCTTTTCTCAGACTCACCTGGTTTCTTCTCAGA
CCCAGTGTCTCTTCTCAGTCCAAAGTTCTGTACTTTCTGCAGCAAGTAGCACCTTCTTCCACAAGA
TATGTCTGTCCAAGACCTTCTGCAGTACCTAGAATCTTAACCCACCGTCCAATTCCTGCCACTCCA
CAACATTCGGTTTCTGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286023
Insert Size: 651 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001286023.1</u> , <u>NP_001272952.1</u>
RefSeq Size:	1084 bp
RefSeq ORF:	651 bp
Locus ID:	12991
UniProt ID:	<u>P10598</u>
Cytogenetics:	5 43.56 cM
Gene Summary:	<p>Important role in determination of the surface properties of the casein micelles. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) lacks two alternate in-frame exons in the 5' coding region, compared to variant 1, resulting in an isoform (d) that is shorter than isoform a.</p>