

## Product datasheet for **MC226853**

### Csn1s1 (NM\_001286016) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Csn1s1 (NM\_001286016) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Csn1s1  
**Synonyms:** AA959832; AW212882; Csna  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226853 representing NM\_001286016  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAACTCCTCATCCTCACCTGCCTCGTGGCTGCTGCTTTTGGCTATGCCAGACTTCATAGTAGAAATG  
CAGTTAGCAGTCAAACCTCAGCAACAGCATAGCAGCAGTGAGGAAATTTTTAAACAACCAAAGTATCTCAA  
CCTAAATCAGGAATTCGTCACAACATGAACAGACAGAGAGCACTTCTGACAGAACAGAACGATGAAATC  
AAGGTAACATATGGATGCAGCATCTGAGGAACAAGCAATGGCAAGTCTCAGGAAGACTCTTCAATCAGCT  
CATCAAGTGAGGAATCTGAGGAAGCTATTCCTCAATATCACTGAGCAGAAAAACATTGCAATGAAGCAT  
GCTCAACCAAGTGCACCCTGGAACAGCTTCAGAGACAGTTTAAGTACAACCAACTTCTCCAGAAAGCTTCC  
CTGGCTAAGCAAGCTTCCCTGTTTCAGCAACCTTCCCTGGTACAGCAAGCTTCCCTGTTTCAGCAACCTT  
CCCTGTTTCAGCAAGCTTCCCTGTTTCAGCAACCTTCCATGGCTCAGCAAGCTTCCCTGTTTCAGCAACT  
TCTCCTGGCCAGCAACCTTCCCTGGCACTGCAAGTTTCCCAGCACAGCAATCTCCCTGGTACAGCAA  
GCTTTCTGGCACAGCAAGCTTCCCTGGCACAGAAACATCACTCAAGACTGAGCCAGTCTACTATCCAC  
ATATGGAACAGCCTTACAGAATGAATGCATACAGCCAAGTTCAAATGAGACATCCTATGAGTGTAGTGGA  
TCAGGCACTGGCCAGTTCTCTGTTTCAGGATATGCAGTACCTTACTCCAAAGCTGTCTTAAACACCTTC  
AAGCCATTGTCTCAAGGATACTGAAAAACCAATGTGTGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001286016  
**Insert Size:** 885 bp



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<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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001286016.1</a> , <a href="#">NP_001272945.1</a>
<b>RefSeq Size:</b>	1409 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	12990
<b>UniProt ID:</b>	<a href="#">P19228</a>
<b>Cytogenetics:</b>	5 43.56 cM
<b>Gene Summary:</b>	Important role in the capacity of milk to transport calcium phosphate.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in an isoform (c) that is shorter than isoform a.