

Product datasheet for **MC226919**

Csn1s1 (NM_001286015) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Csn1s1 (NM_001286015) 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: >MC226919 representing NM_001286015
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAACTCCTCATCCTCACCTGCCTCGTGGCTGCTGCTTTTGCTATGCCAGACTTCATAGTAGAAATG
CAGTTAGCAGTCAAACCTCAGCAACAGCATAGCAGCAGTGAGGAAATTTTTAAACAACCAAAGTATCTCAA
CCTAAATCAGGAATTCGTCACAACATGAACAGACAGAGAGCACTTCTGACAGAACAGAACGATGAAATC
AAGGAACAAGCAATGGCAAGTGCTCAGGAAGACTTTCATCAGCTCATCAAGTGAGGAATCTGAGGAAG
CTATTCCTCAATATCACTGAGCAGAAAAACATTGCAAATGAAGACATGCTCAACCAGTGCACCCCTGGAACA
GCTTCAGAGACAGTTAAGTACAACCAACTTCTCCAGAAAGCTTCCCTGGCTAAGCAAGCTTCCCTGTTT
CAGCAACCTTCCCTGGTACAGCAAGCTTCCCTGTTTCAGCAACCTTCCCTGCTTCAGCAAGCTTCCCTGT
TTCAGCAACCTTCCATGGCTCAGCAAGCTTCCCTGCTACAGCAACTTCTCCTGGCCAGCAACCTTCCCT
GGCACTGCAAGTTTCCCAAGCAGCAATCTTCCCTGGTACAGCAAGCTTCCCTGGCACAGCAAGCTTCC
CTGGCACAGAAACATCATCAAGACTGAGCCAGTCTACTATCCACATATGGAACAGCCTTACAGAAATGA
ATGCATACAGCCAAGTTCAAATGAGACATCCTATGAGTGTAGTGGATCAGGCAGTGGCCAGTTCCTGTG
TCAGCCCTTCCCAAAATCTTCCAGTATGATGCCTTTCCTTTGGGCTTACTTTCCACAGGATATGCAG
TACCTTACTCCCAAGCTGTCCTTAACACCTTCAAGCCATTGTCTCAAGGATACTGAAAAACCAATG
TGTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286015
Insert Size: 918 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:	NM_001286015.1 , NP_001272944.1
RefSeq Size:	1442 bp
RefSeq ORF:	918 bp
Locus ID:	12990
UniProt ID:	P19228
Cytogenetics:	5 43.56 cM
Gene Summary:	Important role in the capacity of milk to transport calcium phosphate.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.