

## Product datasheet for RN202292

### Csn1s1 (NM\_138874) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Csn1s1 (NM_138874) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Csn1s1
Synonyms:	Casa; Csn1; Cсна
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202292 representing NM_138874 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAACTTCTTATCCTCACCTGCCTCGTGGCTGCTGCTCTTGCTCTGCCTAGAGCTCATCGTAGAAATG  
CAGTCAGCAGTCAAACCTCAGCAAGAGAATAGCAGCAGTGAGGAACAGGAAATTGTTAAACAACCAAAGTA  
TCTCAGTCTTAATGAGGAGTTCGTAACAACCTGAACAGACAGAGAGAGCTTCTGACAGAACAGGATAAT  
GAAATCAAGATAACTATGGACTCATCAGCTGAGGAACAAGCAACGCAAGTGCTCAGGAAGATTCCTCCT  
CAAGCAGCTCATCAAGCGAGGAATCCAAGGATGCTATTCCAGTGCTACTGAGCAGAAAAACATTGCAAA  
CAAAGAAATACTCAACCGATGCACCTGGAACAGCTTCAGAGACAGATTAATACAGCCAACTTCTCCAG  
CAAGCTTCACTGGCTCAGCAAGCTTCCCTGGCTCAGCAAGCTTCCCTGGCCAGCAAGCTCCTCGGCC  
AGCAACCTTCCCTGGCACAGCAAGCTGCCTGGCACAGCAAGCTTCCCTGGCACAGCAAGCTTCCCTGGC  
ACAGCAAGCTTCCCTGGCACAGAAACATCATCCAAGACTGAGCCAGGCTACTATCCAAATATGGAACAA  
CCTTACAGGATGAATGCATACAGCCAAGTTCAGATGAGACATCCTATGAGTGTAGTGATCAGGCCAGT  
TCTCTGTTGAGTCTTCCACAACCTCTCCCAATATGGCGCCTATCCCCTTGGCTTACTTTCCACAAGA  
CATGCAGTACCTTACCCCTGAAGCTGTTCTTAACACCTTCAAGCCATTGCCCAAGGATGCTGAAAAC  
ACCAATGTGTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138874
Insert Size:	855 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>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_138874.2</a> , <a href="#">NP_620229.2</a>
<b>RefSeq Size:</b>	1349 bp
<b>RefSeq ORF:</b>	855 bp
<b>Locus ID:</b>	24284
<b>UniProt ID:</b>	<a href="#">P02661</a>
<b>Cytogenetics:</b>	14p21
<b>Gene Summary:</b>	milk phosphoprotein; expression is regulated by steroid and peptide hormones [RGD, Feb 2006]