

## Product datasheet for **RN208242**

### **Ctsf (NM\_001034110) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctsf (NM_001034110) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctsf
Synonyms:	MGC124702
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208242 representing NM\_001034110  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGCTCCTGTGTCAGCTTTTGTGGCTGTTGACGCTGATCGCGACCGTGGTCCTGAGCCAGTCCCTG  
 CCAAGCCCTGGGCGGATGACGAGCAAGCCTGGAGCCTGTCTCCAGGAGCTGCTGGCGCCCGCCGCTT  
 CGCGCTGGACATGTACAATTACGGCCGACTGCGGTGACAAGGGCCGTGCTAGGGGCGGTACACGGGCGC  
 GTCGGGCGGGCCGGGGGCTCTCTGTCTCCCTGGAAGCCACATTAGAGGAGCCACCTTGCAATGATC  
 CCCTGGTGTGCCTGCACCCTGAGACGAAGAAAACAATGCTCTGCAGTTTTGAAGTCTGGAAGAGCTAAA  
 AGAACACTTGCTGCTGAGGAAGGACTGTAGCCAGTGAATGCCAAGGTTACAGAGTCTGGGAACGAGACC  
 TTCGAGCATTCTTCCAATGTTGGACAAGGATCCCCTGCCCCAGGACTTTTCTGTGAAGATGGCTACAC  
 TCTTCAAGGACTTCATGACTACCTATAACCGACTTACGAATCAAGGGAAGAAGCCAGTGGCGCTTGAC  
 TGTCTTTGCCAGAAATATGATACGAGCGCAGAAGATTCAGGCCCTGGACCGTGGCACAGCTCAGTATGGG  
 ATCACCAAGTTCACTGACTCACAGAGGAAGAGTTCACACCATCTACCTGAATCCCCTCTACAAAAGG  
 AGTCTGGCGGGAAGATGAGTCTAGCCAAGTCCATAAATGATCTCGCCCCACCTGAATGGGACTGGAGGAA  
 GAAAGGGGCTGTCACTGAAGTGAAGGACCAGGGCATGTGTGGCTCCTGTGGCCTTCTCTGTCACAGGC  
 AACGTGGAGGGCCAGTGGTTCTGAACCGGGGACTCTGCTCTCCCTGTGAGCAGGAGCTTTTGGATT  
 GTGACAAGATGGACAAGGCTGCATGGGTGGACTGCCCTCCAACGCTACACAGCCATAAAGAATTTGGG  
 AGGGCTGGAGACAGAGGATGACTATGGTACCAGGGCCACGTTCAAGCCTGTAACCTCTCAACACAGATG  
 GCAAAAGTCTACATCAACGATTCAGTGGAGCTGAGCCGGGATGAGAACAAGATAGCAGCCTGGCTGGCCC  
 AGAAAGGACCGATCTCAGTTGCCATTAATGCCTTCGGCATGCAGTTCTATCGCCATGGGATGCTCACCC  
 ATTCCGGCCCTCTGCAGCCCTTGGTTTCATCGACCACGCTGTGTTGCTGGTGGGCTATGGAAACCGCTCC  
 AACATTCTTACTGGCCATCAAGAACGCTGGGCAGGACTGGGGTGGAGGGTTACTACTACTTAT  
 ATCGTGGTCCGGGGCTGTGGTGAATACCATGGCCAGTTCGGCAGTGGTGA**ACTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001034110

**Insert Size:** 1389 bp

**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).

**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:**

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\_001034110.1, NP\_001029282.1  
RefSeq Size: 1922 bp  
RefSeq ORF: 1389 bp  
Locus ID: 361704  
Cytogenetics: 1q43