

## Product datasheet for **MC204621**

### **Ctsf (NM\_019861) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctsf (NM_019861) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ctsf
Synonyms:	AI481912
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC058758  
TGAATCCGGGCGAGCAGCTTCGACCTCGCTATGGCGCCCCTACTGCAGCTTCTGTGGCTGCTGACACTGC  
TCTCGACTGTGGCCCTGAGCCCCGTCCCCGCCAAGCCCTGGGCAGATGACGAGCAGGCCTGGAACCTGTG  
GTCCCAGGAGCTGCTGGCCCCGCCCGCTTCGCGCTGGACATGTACAATTACGGCCGTGCTGCGGGGACA  
AGGGCCGTGCTAGGAGCGGTGCGCGGACGCGTCCGCCGGGCCGGCCAGGGCTCTCTGTTCTCCCTGGAAG  
CCACACTAGAGGAGCCACCTTGCAATGATCCCCCTGGTGTGCCACTGCCTGAGACGAAGAAAAACAGTGCT  
TGCAGTTTTGAAGTCTTGAAGAGCTAAAAGAACAACCTTGCTGCTGAGGAGGGACTGTAGCCCAAGTGAAT  
GCCAAGGTACAGAGTTTAGAAAATGCGACTTTCAGCTCATTCTCCATTGTTGGACAAGGATCCCCCTGC  
CCCAGGACTTCTCTGTGAAGATGGCTCCACTCTTCAAGGACTTCATGACCACCTATAACCGGACTTATGA  
ATCAAGGGAAGAAGCCAGTGGCGATTGACTGTCTTTGCAAGAAATATGATACGAGCACAGAAGATTGAG  
GCCCTGGACCGCGGCACAGCTCAGTATGGGATCACCAAGTTCAGTGACCTCACAGAGGAGGAATCCACA  
CCATCTACCTGAATCCCCTTTACAGAAGGAGTCTGGCAGGAAGATGAGTCCAGCCAAGTCCATAAATGA  
TCTTGCCCCGCTGAATGGGACTGGAGGAAGAAAGGGGCTGTCACTGAAGTGAAGAACCAGGGCATGTGT  
GGCTCCTGCTGGGCTTTTCTGTACAGGCAACGTGGAGGGCCAGTGGTTCCTGAACCGGGGACTCTGC  
TCTCCCTGTCAGAGCAGGAGCTTTGGATTGTGACAAGGTGGACAAGGCCTGCTTGGGTGGATTGCCCTC  
CAACGCCTATGCAGCCATAAAGAATTTGGGAGGGCTGGAGACAGAGGATGACTACGGCTACCAGGGCCAT  
GTTCAGACCTGCAACTTCTCAGCACAGATGGCAAAGTCTACATCAATGATTGAGTGGAGCTGAGCCGGA  
ATGAAAATAAGATAGCAGCCTGGCTGGCCAGAAAGGACCTATCTCAGTTGCCATTAACGCCCTTCGGCAT  
GCAGTTCTATCGCCACGGGATTGCTCACCCATTCGGGCCCTCTGCAGCCCTTGGTTTCATCGACCATGCT  
GTGTTGCTGGTGGGCTATGGCAACCGCTTAACATTCCTACTGGGCCATCAAGAACAGCTGGGGCAGTG  
ACTGGGGTGAGGAGGGTTACTACTACTTGTACCGTGGATCTGGAGCCTGTGGTGTGAATACCATGGCCAG  
CTCAGCCGTGGTGAAGTGAAGTGTGCTGGCTCAGGACCTATGTTGTCACAGTGGCCCTTCTTCCAGCCG  
ACTCATGCCCAGGCCCTTCTCAGGAGACAGAGCTGGTTGGCTGAGGGCCGGGCACCTTTGGACCTCACGG  
TGAGCCCTGGGCCCTGGGCCCTTCGTCCTCTTCTCTAGTGCTCATCTGAAGTTCGCCAGCTGCACC  
TGTGTCCGATTGTGGTAGCTAGGAGGATCTGAGGTGCAGGAGGCTTTCATGGAAGCCAGCGCCGGGCA  
AGAACCTGGCTACAGTATGATGCAGGATGAAAATATGCTCGTCATAAAACTAGATCTGCTCCTCAGCAGGC  
TCTGTCTTTTGGCTTTGGTGTCTCGGTCTGATGCTGTCAGTTTTCTGGTCCCTTTCCACATCCAGGAA  
AGTTGTGACCGGCTTCTCTAAGGGCAATAAAGAGGTAGCCTGCTCTCCTTGAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_019861

**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:** [BC058758](#), [AAH58758](#)

RefSeq Size: 1887 bp

RefSeq ORF: 1389 bp

Locus ID: 56464

UniProt ID: [Q9R013](#)

Cytogenetics: 19 A

Gene Summary: Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.[UniProtKB/Swiss-Prot Function]