

## Product datasheet for **RN206392**

### Ctsc (NM\_017097) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ctsc (NM_017097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctsc
Synonyms:	CATC; DPP-I; DPPI
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206392 representing NM\_017097  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTCCGTGGACCCACTCCTTGC GCGCCGCCCTGCTGCTGGTCTTTTGGGAGCTGCACCGTGAGCT  
 CCGACACTCCTGCCAACTGCACTTACCCTGACCTGCTGGGTACCTGGGTTTTCCAGGTGGCCCTAGACA  
 TCCCCGAAGTCACATTAAGTCTCGGTAATGGAACCAACAGAAGAAAAGGTAGTGATACACCTGAAGAAG  
 TTGGATACTGCCTATGATGAAGTGGGCAATTCTGGGTATTTACCCCTCATTTACAACCAAGGCTTTGAGA  
 TTGTGTTGAATGACTACAAGTGGTTTTCGCTTTTCAAGTATGAAGTCAAAGGCAGCAGAGCCATCAGTTA  
 CTGCCATGAGACCATGACAGGGTGGTCCATGATGTCCTGGGCCGGAACGGGCTTGCTTTGTTGGCAAG  
 AAGATGGCAAATCACTCTGAGAAGGTTTATGTGAATGTGGCACACCTGGAGGTCTCCAGGAAAAATATT  
 CTGAAAGGCTCTACAGTCACAACCACAACCTTTGTAAGGCCATCAATTCTGTTCCAGAAAGTCTGGACTGC  
 AACCCCTATGAAGAATATGAGAACTGAGCATACGAGATTTGATAAGGAGAAGTGGCCACAGCGGAAGG  
 ATCCTAAGGCCCAAACCTGCCCGATAACTGATGAAATACAGCAACAAATTTTAAGTTTGCAGAAATCTT  
 GGGACTGGAGAAACGTCCTGGCATCAATTTTGTAGCCCTGTTGCAAAACCAAGAATCTTGTGGAAGCTG  
 CTACTCATTTGCCTCTCTGGGTATGCTAGAAGCAAGAATTCGTATATTAACCAACAATCTCAGACCCCA  
 ATCCTGAGTCCTCAGGAGTTGTATCTTGTAGCCCGTATGCCCAAGGTTGTGATGGTGGATTCCCATACC  
 TCATTGCAGGAAAGTATGCCAAGATTTGGGGTGGTGGAAAGAAAAGTGCCTTCCCTACACAGCCACAGA  
 TGCTCCATGCAACCAAGGAAAAGTGCCTCCGTTACTATTCTTCTGAGTACTACTATGTGGGTGGTTTC  
 TATGGTGGCTGCAATGAAGCCCTGATGAAGCTTGAGCTGGTCAAACACGGACCCATGGCAGTTGCCTTTG  
 AAGTCCACGATGACTTCTGCACTACCACAGTGGGATCTACCACACTGGACTGAGCGACCCCTTCAA  
 CCCCTTTGAGCTGACCAATCATGCTGTTCTGCTTGTGGGCTATGGAAAAGATCCAGTCACTGGGTTAGAC  
 TACTGGATTGTCAAGAACAGCTGGGGCTCTCAATGGGGTGAAGTGGCTACTTCCGGATCCGCAGAGGAA  
 CTGATGAATGTGCAATTGAGAGTATAGCCATGGCAGCCATACCGATTCTAAATT**GTAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_017097

**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\\_017097.1](#), [NP\\_058793.1](#)  
RefSeq Size: 1850 bp  
RefSeq ORF: 1389 bp  
Locus ID: 25423  
UniProt ID: [P80067](#)  
Cytogenetics: 1q32  
Gene Summary: acts as a cysteine dipeptidyl aminopeptidase; may play a role in immune and inflammatory response [RGD, Feb 2006]