

## Product datasheet for **RN203742**

### **Ctps1 (NM\_001134873) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ctps1 (NM_001134873) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctps1
Synonyms:	Ctps
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203742 representing NM\_001134873  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGTACATTCTAGTTACTGGTGGTGTATATCAGGAATTGGAAAAGGAGTTATCGCCAGCAGTGTGG  
 GCACAATACTCAAGTCATGCGGTTTACATGTAAGTCAATTAAAATTGACCCCTATATTAACATCGATGC  
 AGGAACATTCTCTCCTTATGAACATGGAGAAGTCTTTGTGCTGGATGATGGTGGAGAAGTTGACCTTGAC  
 TTGGGAAACTATGAGCGGTTCTTGATATCCGCTCACCAAGGACAATAACCTGACCACAGGGAAGATAT  
 ACCAGTACGTCATTAACAAGGAGCGCAAAGGAGATTACTTAGGGAAAAGTTCAGGTTGTCCTCACAT  
 CACAGATGCAATTCAAGAGTGGGTGATGAGACAGGCGTTAATACCTGTAGACGAAGATGGCTTAGAACCT  
 CAAGTGTGTATTAGCTTGGTGGCACAGTGGGAGACATTGAAAGCATGCCCTCATTGAGGCCCTCC  
 GCCAGTCCAGTCAAGGTCAAGAAGGAGAAGCTTTGTAATATCCATGTCAGTCTGGTCCCTCAGCCAAG  
 TTCAACAGGGGAACAGAAGACAAAACCCACTCAGAACAGTGTTCGGGAACCTTAGAGGACTCGGGCTGTCT  
 CCAGACTTAGTGGTGTGCAGATGCTCAAATCCTCTTGACACATCTGTGAAAGAGAAAATATCAATGTCT  
 GCCATGTGGAACCTGAACAAGTATCTGCGTTCACGACGCTCATCCATCTACCGGGTGCCTTGCTGTT  
 AGAAGAGCAAGGGGTGGTGGACTACTTTCTCGGAGACTCGACCTTCCCCTTGAGAGACAGTACCGGAAG  
 ATGCTGATGAAGTGAAGGAGATGGCAGACAGATATGATCGCTTGGTGGAGACCTGCTCTATCGCTCTTG  
 TGGGCAATACACCAAAATCTCAGATTGATGCTCTGTGCTTAAAGCTCTAGAGCACTCTGCATTGGC  
 TATTAACCACAAGTTGGAGATCAAGTACATCGATTCCACAGACCTGGAGCCGAGCACCTGCAGGAAGAG  
 CCTGTGCGCTACCATGAGGCTGGCAGAAGCTCTGCAGTGTCTGAGAGTGTGGTCCAGGAGGATTTG  
 GTGTTCCGGGAACAGAAGGGAAAATTCAGCAATTGCCTGGGCTCGGAAACAGAAGAAGCCTTTTTTGGG  
 TGTGTGCTTAGGAATGCAGTAGCAGTGGTAGAATTTTCAAGAAATGTGCTGGGATGGCAAGATGCCAAT  
 TCTACAGAGTTTGACCCTAAGACTAGTCATCCTGTGGTATAGACATGCCAGAGCATAACCCTGGGCAAA  
 TGGGAGGAACCATGAGGCTGGGCAAGAGGAGAACCCTGTTCCAGACCAAGAACTCAGTCATGAGGAACT  
 CTATGGAGACACAGACTACTTGAAGAAAGGCACCGCCACCGATTTGAGGTGAATCCAGTCTGAAAAAG  
 TGCTTGAAGAGCAAGGCTTGAAGTTGTTGGCCAGGATGTTGAAGGCGAGAGGATGGAGATCGTGGAGC  
 TGAAGACCATCCGTTTTTCTGTTGGAGTGCAGTATCACCCGAGTTCCTGTCCAGGCAATCAAGCCCTC  
 CCCACCCTACTTTGGCCTCCTCCTGGCCTCTGTGGGGCGGCTCCCACATTACCTCAGAAAGGTTGCCGG  
 CTGTACCCAGGGACACTTACAGTGACAGAAGTGGGAGCAGCTCCCTGACTCTGAAATCACTGAACTGA  
 AGTTTCCATCAATAAGTCAGGAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001134873

**Insert Size:** 1776 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\\_001134873.1](#), [NP\\_001128345.1](#)

**RefSeq Size:** 2691 bp

**RefSeq ORF:** 1776 bp

**Locus ID:** 313560

**Cytogenetics:** 5q36