

Product datasheet for **RN204937**

Ctsa (NM_001011959) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctsa (NM_001011959) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctsa
Synonyms:	Ppqb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204937 representing NM_001011959
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTTCCAGTCCAAGGCGGCTCCAGGAGAGCAAGGACACAAGGAAGCAGAGATGCCCCGAGCAGCAC
TGCTCCACTGCTCCTGCTGCTGCTCCTATCCTGGGCGTCCCGGACGAAGCAGCTCCGGACCAGGATGA
AATCGATTGCCTCCCGGGCCTGGCCAAGCAGCCCTCTTCCGGCAGTACTCCGGCTATCTCAAAGCATCG
GATTCCAAGCACTTCCACTACTGGTTTGTGGAATCGCAGAACGACCCTAAGAACAGCCCCGTGGTCTTT
GGCTCAATGGGGTCTGGCTGCAGCTCCCTAGATGGTTACTTACAGAGCAGGTCCCTTCTGATCCA
GCCAGATGGTGTACCCTGGAGTACAACCCTATTCTTGAACCTGATTGCCAACATGCTGTATATCGAG
TCCCCAGCTGGGTGGGTTCTCCTACTCGGATGACAAGATGTATGTACCAATGACACAGAGGTGGCTG
AGAACAATTATCAAGCCCTAAAGACTTCTACCACCTCTTCCGGAGTACAAGGACAACAACTTTTCT
GACCGGAGAGAGCTATGCTGGCATCTACATCCCCACCTTGGCTGTACTGGTCATGCAGGATCCCAGCATG
AACCTTACAGGGGCTGGCTGTGGCAATGGACTCTCCTCCTATGAGCAGAAATGACAACCTCCCTGGTCTACT
TTGGCTACTACCATGGTCTTCTGGGGAACAGGCTTGGACTTCACTCCAGACCCACTGCTGTTCTCAGAA
CAAGTGTAACTTCTATGACAACAAAGATCCAGATTGTGTAACAATCTCCAGGAAGTGTCTCGAATTGTG
GGCAAATCTGGCCTCAACATATACAATCTCTACGCCCCGTGTGCTGGTGGGGTACCCGGCCGTGATAGGT
CTGAGGACACACTTGTAGTCCAGGATTTGGCAATATCTTCACTCGCTTGCCACTCAAGAGGAGATTTCC
TGAGGCTCTACTGCTTCGGTCTGGGACAAGGTACGCTTGGATCCTCCATGCACCAACACCACAGCCCC
TCCACCTACCTCAACAACCCATATGTTCCGAAGGCTCTCCACATCCCGGAGTCGCTGCCCGCTGGGACA
TGTGCAACCTCATGGTGAACCTACAGTACCGCCGCTCTACGAAAGCATGAACTCCCACTACCTGAAGTT
GCTCAGCTCACAGAAATACCAGATCCTGCTTTACAATGGCGATGTGGACATGGCCTGCAACTTCATGGGG
GATGAGTGGTTTGTGGATTCCCTCAACCAGAAGATGGAGGTGCAGCGCCGGCCCTGGCTAGTGGACTACG
GGGAGAGTGGAGAGCAGGTAGCTGGCTTTGTGAAGGAATGCTCACACATTACCTTCTCACCATCAAGGG
TGCCGGACACATGGTCCCCACGGACAAGCCTCGAGCTGCTTTTACCATGTTCTCTCGATTCTGAACAAG
GAGCCTTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001011959

Insert Size: 1482 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_001011959.2](#), [NP_001011959.2](#)

RefSeq Size: 1988 bp

RefSeq ORF: 1482 bp

Locus ID: 296370

Cytogenetics: 3q42