

Product datasheet for **RN204900**

Ctrc (NM_001077649) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctrc (NM_001077649) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctrc
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204900 representing NM_001077649 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGGAATTACGGTCTCGCTGCCATCCTGGCCTGCGCCTTTGCTGCGGGAACCCCGCTTCCCAC
CTAACCTGTCAACCAGAGTGGTAGGAGGAGGATGCTGTCCCCAACAGCTGGCCTTGGCAGTCTCTCT
CCAGTACCTCAAGGACGACACATGGAGGCACACCTGTGGGGGAAGTCTCATCACCACCAGCCACGTCTCT
ACTGCCGCCCACTGCATCAACAAAGACTTCACTTACCGTGTGGCCTGGGGAAGTATAATCTGACAGTGG
AGGATGAGGAAGGCTCCGTGTACGCTGAGGTGGACACCATCTACGTCCATGAGAAGTGAACCGACTCTT
CCTGTGGAACGACATCGCTATCATTAAAGTTGGCTGAGCCTGTGGAAGTGGCAACACCATCCAGGTGGCC
TGCATCCCAGAGGAAGGTTCCCTGCTGCCTCAGGACTATCCCTGCTATGTCACGGGCTGGGGTGCCTCT
GGACCAATGGTCCCATCGCTGAAGTGTCCAGCAGGGCCTGCAGCCATCGTGAGCCATGCCACGTGCTC
CAGGTTGGACTGGTGGTTCATCAAGTCCGGAAGACGATGGTGTGCGCTGGGGTGGTGGCGTCATCTCT
GCCTGTAACGGAGATTCTGGCGGCCCACTGAACTGCCAAGCAGAAGACGGCTCATGGCAGGTGCACGGCA
TCGTGAGCTTCGGTTCAGTAGCGGCTGCAACGTACACAAGAAACCGGTAGTCTTACCCGAGTGTCTGC
CTACAATGACTGGATCAACGAGAAAATACAAC**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001077649
Insert Size:	807 bp



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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:	<ol style="list-style-type: none">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_001077649.2 , NP_001071117.1
RefSeq Size:	898 bp
RefSeq ORF:	807 bp
Locus ID:	362653
UniProt ID:	P55091
Cytogenetics:	5q36
Gene Summary:	Has chymotrypsin-type protease activity and hypocalcemic activity.[UniProtKB/Swiss-Prot Function]