

Product datasheet for **RN206855**

Ctc1 (NM_001107010) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ctc1 (NM_001107010) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ctc1
Synonyms:	RGD1563106
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206855 representing NM_001107010 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCTTGCCGAGCACAACCACCTACCTCCGAGGAAGCCTGGCTTGAGGCTGCCAGGCCTTCATCC
 AAGAGACCCTTTGTCCAGTGGACGAGGAGCCTAATGAACAGGTGACTCGCTCAGTAATTGACTGTGTGAA
 GGAGACATGGCTGTCCAGGGGGAACAGGACTTAACCTTGCCCTCAGCTACAGCTTTGTCTCAGTA
 CAGAATCTGAAGACGAATCAGCATCTCCATGCTGCAGCCACCTGCTCTGGAGTGACAATGCTTACCAGG
 CTTGGACCCGAGGAGCTGGGCCAGGAGGAGTGTCTGCCCGGGAACAGCTGTTACTTTTAGGGACACT
 AGTAGACCTATTAGGAGATTTGGAACAAGAGTCTAGGAGTGGAGGCCTGTATGTGAGAGATAACACTGGA
 ACCTTGAGCTGTGAGCTTATAGATCTAGACCTTTCTTGTTGGGCCATCTCTTCCTGTTCCCAAGTTGGA
 GTTACCTCCCTCCCGCAAGAGGAATTCCTTGGGGGAGGGCACTTGGAGCTGTGGGGTACACCTGTGCC
 AGTATTTCTTTGACTGTCAGTCTGGCCCCCTCACGCCTATCCCTGTCTCTACCCAGAAAAGGCGTCC
 TACCTGCTCAGATACAGAAAGAAATGAAAATAAAGGAGCTAAATCTTGCTGGAAAAGTGGTCCATCTGA
 GTGCCCTGATGGTAACCTCAGAACAAAAGGTAATCATCATGACACTTGGTGAATTAGCCCAAGCTGGCAG
 CCAGGTGTCCGTATTGTCCAGATTCTGCTCAGATGGTGTGGCACCGAGTCTCCGGCCTGGTAGGGCC
 TATGTGCTGACAAAATTGCGAATAACCAAGACCCGGGGTCACCGTTCCTGTATTTGACAACCATCCAT
 CTTCAACTCTGATGCCACTGAGACCAGGCTATGTGCAAGAGCTGGAGCTGGACGTAGCGTTTGACAGACGC
 TGGCCATAAACCGCTGCCGAGCCACCAAGCTCCAGAGACAGCAGAGGCCAAGAGGGGCTTGTCCGAGGT
 TCCAAAGTCTTGCAATTATTTGGGAACAGTCACTGACGTGTTGAACGAGTCTGCCAGCCTCTACATTCCTG
 ATGGGCAGCTGATTCTCTGCCTTGATACCAAGATCCATGGCCTCAGGCGGGTTATTCGACCAGGGGT
 CTGTCTGGAGCTCCGTGATGTTTCATCTCTCCAGGCTGGGTGGAGGAACAACAAACCTGTGCTGGCC
 CTTTGTCTCCATGGCACTGTTGCGCTGCAAGGCTTTCTTGTCTTAAGCCTCAGAACTTGCCGTCTACA
 AAGTTCATGGTGCCTCCTGTATGAGCAATTGGTGTGAAATGTCAGTTAGGACTTCCCTTATACTTATG
 GGCTACCAAGGCCCTGGAGGAGCTGGTCTACAAGCTCTGTCCCATGTGTTGAGATGTCAACAGTTCCTG


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AAGCACTCCTCTCCTGGGAAGCCAGCTTGGGACTGCAGCTCCTGGCTCCCTCCTGGGATGTTCTTATTC
CACCTGGCAGCCCCATTGCGCATGCACACAGTGAGATCCTGGAAGAACCACATAACTGTCCCTTCAGAA
GTATACTCCGCTGCAGACCCCTACACTTTCCCTACTATACTTGGCCTGGCAGAGGAAGGCGAGCACAGG
GCTTGGGTACCTTTGACCCAAGGGCCCTGCTGCCTTTCCAGAAAGCCTTTCACCTGACAAGCTGTCAAC
TGAATCGTCGCTAGCCTGGTCTGGCTCTGTCTGCCATCCAGTATGTTCCAGCCAGCCCGGTTTTACT
TGGGGTCTGGTGGCTTCGTCTCATAAAGGTTGTCTGCAGCTTCGGGACGTAAGAGGTTCACTGCCCTGT
ATACCTTGGCTGAGAGTTCACAGCCCTCATTGACCCAAAGCTCATAGGCTGCCCTGGTGGGGTAGAGA
AATTCAGCTGGTAGTAGAGAGAGAAGTCAGGAGCAGCTTCCCTTCTGGGAGGAGCTGGGCATGGCAAG
CCTCATCCAGAAGAAGCAGGCCAGAGTCTATGTCCAGTTCTACCTGGCTGATGCCCTGATCCTGCCTGTG
CCCAGACCCACTGTTGGTTAGAACCATCTGAGACAGCCTCCTCCTGCCAGAGGGACCCAGGTGGGAC
AGAGCCGGCTGTTCTTACTGTTCTACAAGGAGGCCCTCATGAAACGTAACTTTTGTCTCTTCCGGGAGA
TAGTTCACGACCTGCAGAGCCACCTGAGTTTCCGTGTGTGAGAACTTGGCTTGTGGCACACAGAAG
AGGGAGGGTTCTGGATGGAGCCACCTGAGTCTCTGGCCGAGAGAACAAGGACCAAAAGGCTTCTTCA
TCTTCTTGGCTCTTCAGTTCAGTGGTTTCCGTTCTTGTACCCAAACCAAGTCTACCGGCTCGTGGCTCC
TGACTCAACACCAGCGTTGTTTGGAGACAAACATTCTGTCACACCTACCGTCTCTGGAATTGACT
GACTATGTGTCTTGCCTCACTATCCAAGAGGACTGGACCTGGAACCTGGGAGCTCTCAGGACATACCTA
ATGTACTAGAGGTCCCTAGAACACTGTCTGAGTCTCACTGGCTCACCTGCTCAGTGACAACCTCCCCAA
TTTCTTGGTGTCTTTCTGCTGAGGTTTTGTCTCGGATACTGTGTGAACCACCTCTGGCCCTTCGAGG
ATAAACCTGGGAATGCTGGGGCTATTAAGCAGGTGTGAAGCTAACAGTAGCTCTAGAAATGGAGGACT
GTGACTATCCCCCTCACCTGGACATATATCGAAGATCCACACTTGCCTCCCCCAATAGGACTCCTTCC
AGGAGCCCGAGTCCACTTTAGCCAGCTGGAGAAAAAGATTTCCAGATCCAACGTTGTTTACTGTTGCTTC
CGGTCAACCACTTCTGTGCAGGTCTGAGCTTCCCCCAGAGACCAAGCCAGTGCTCCCTTGGCCACACA
TCTGCCTGGCTGAACTTCTCAAGGTGACCGGCCCTCCCTTCCAGGCCACTACCTTGGCATATTGTGTA
TGTCTGAGCCTTCAGATCCTGTGGGTGTGTGCCATTGCACCAGCATCTGTCCCAGGGGAAGTGTAGT
CGTCAGGACCCAGTTGTCCATCTCAGAGGGCTATAAGCCAGGCCAGCATCAGGCTCCTGGTAGAAGATG
GCACCGCAGAAGCCACAGTGACCTGTAGGAATCATCATGTGGCAACAACACTAGGACTGAGTCTAGTGA
GTGGTCCAATGTCTAGATCGTGAAGGGGGCCAGGGAGAGTGGCCTTGCAGTTTAAAGGGCCAGGAGCC
CAACAGAGTCTGCAAGCAAAACCGGTGAACCTTGACCTGCTCCTCCAGACACTTTGTACCAGCCCT
TTGTCTCCGACCCATTAAGCTTTCCTTTGCGCTTGAAAGGAGACCTTGTGATATTACCCAATAGAACC
ACCCCGGCTGCAGCAGTCCAGTGTGGAGAGCTCCCTCTGCTGACCAGAGTGAATCCAGGCTCCGATTG
GTCTGCCTTTCTCTGCAGGAGCCAGAGCTCCCCAGCCCTCCACAAGCTTCTGCTGCTGCTTCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107010

Insert Size:

3636 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_001107010.1, NP_001100480.1

RefSeq Size: 4155 bp

RefSeq ORF: 3636 bp

Locus ID: 303238

Cytogenetics: 10q24