

Product datasheet for **RN207597**

Tcta (NM_001014005) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcta (NM_001014005) Rat Untagged Clone
Tag: Tag Free
Symbol: Tcta
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207597 representing NM_001014005
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGCCTTGGGCTGGGCAGTTTCTGCAAGCTTTGCCCGCCACGGTGCTCGGAGCGCTGGGCACCC
TGGGCAGCGAGTTTCTGCGGGAGTGGGAGACACAAGATATGCGAGTGACTCTCTCAAGCTTCTCCTGCT
TTGGTTGGTGTTAAGTCTCCTGGGCATCCAGCTGGCGTGGGGTTCTACGGGAACACAGTGACCGGGTTG
TATCACCGTCCAGGTCTGGGTGGCCAGAATGGATCCACACCTGATGGCTCCACACATTTCCCTTCATGGG
AAATGGCAGCAAATGAAGCTCTCAAACACAGAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001014005
Insert Size: 321 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_001014005.1](#), [NP_001014027.1](#)

RefSeq Size: 1722 bp

RefSeq ORF: 321 bp

Locus ID: 306587

UniProt ID: [Q5XIF1](#)

Cytogenetics: 8q32

Gene Summary: May be required for cellular fusion during osteoclastogenesis.[UniProtKB/Swiss-Prot Function]