

Product datasheet for **MG200600**

Tcta (NM_133986) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcta (NM_133986) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tcta
Synonyms: 9130410M22Rik; AW553637; C85065; Tctal
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200600 representing NM_133986
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGCCTTGGCCGGGCAGTTTCTGCAAGCTTTGCCCGCCACGGTGCTCGGAGCGCTGGCACCC
TGGGCAGCGACTTTCTGCGGGAGTGGGAGACACAAGACATGCGAGTGACTCTCTCAAGCTGCTCCTGCT
GTGGTTGGTGTTAAGTCTCCTGGGCATCCAGCTGGCCTGGGGTTCTACGGGAACACAGTGACCGGGTTG
TATCACCGTCCAGATCCCACCCTCAGCCTCCTGCAGCTATGGGTGTGTTCTGCCTCCAGGTCTGGGTG
GCCAGAATGGATCCACACCTGATGGCTCCACACATTTCTTTCATGGGAGATAGCAGCAAATGAAGCTCT
CAAACGCACAGAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200600 representing NM_133986
Red=Cloning site Green=Tags(s)

MAEPWAGQFLQALPATVVLGALGTLGSDFLREWETQDMRVTLFKLLLLWLVL SLLGIQLAWGYGNTVTGL
YHRPDPHPQPPAAMGVFLPPGLGGQNGSTPDGSTHFSWEIAANEALKTHRE

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_133986.2 , NP_598747.1
RefSeq Size:	1656 bp
RefSeq ORF:	369 bp
Locus ID:	102791
UniProt ID:	Q8VEA7
Cytogenetics:	9 59.2 cM
Gene Summary:	May be required for cellular fusion during osteoclastogenesis.[UniProtKB/Swiss-Prot Function]