

Product datasheet for **RN213851**

Tceal1 (NM_001009675) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tceal1 (NM_001009675) Rat Untagged Clone
Tag: Tag Free
Symbol: Tceal1
Synonyms: MGC105656
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213851 representing NM_001009675
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAAACCTCACACAATGAAAGTGAAGAACAACCACAGAGCACTCCAAAGGTCGAAGAAGAGCAGCCTG
CAGTGGAGCAGTCTCCTGAAAATCAGTGTCTGAGGATGATCAATCCTCAGAGGATCTGTCATCCGAGGA
GCAGTCTCCGACGAGGAGTTCTTTCTGAAGAGCTTCTGCCTGAGCTGCTGCCAGAGATGCTGCTATGT
GAAGATCGTCTCCACAGGAGTGCCTCCACAGAAGAACGCGTTTCGAGGACCGTATTCCCATGGAGCAAC
CTCCCTGTGGGATAGGCAAACACAAGCTAGAGGAAGGAAGTTTCAAAGAAAGGCTGGCTCGTTCCCGCCC
TCAGTTTAGAGGAGACATCCACGGCAGAAATTTAAGTAATGAAGAAATGATACGGGCAGCGGATGAGTTG
GAAGAGATGAAGAGAGTACGAAATAAACTCATGATAATGCATTGGAAGGCAAAACGGAGCCGCTTACC
CTATT**TAA**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001009675
Insert Size: 498 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).



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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:	<u>NM_001009675.1, NP_001009675.1</u>
RefSeq Size:	1215 bp
RefSeq ORF:	498 bp
Locus ID:	302593
UniProt ID:	<u>Q5PPP3</u>
Cytogenetics:	Xq32
Gene Summary:	May be involved in transcriptional regulation. Modulates various viral and cellular promoters in a promoter context-dependent manner. Does not bind DNA directly (By similarity). [UniProtKB/Swiss-Prot Function]