

Product datasheet for **MC215541**

Tceal7 (NM_001127169) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tceal7 (NM_001127169) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tceal7
Synonyms:	1110018P05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215541 representing NM_001127169 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAAAAGTCCTGCAATGAAAAAGAAGGAAAGCCCAAGGGCAGTGAGGCAAAGAGGGAGGATGAACAAC
CCTGCGGAGCACTTGAAGGCCAGCGACTGGAAGGCAATTCAGACAGAGGTTGCTTCAGTCTCTTGAAGA
ATTTAAAGAAGACATAGACTATAGGCATTTTAAAGGTGAAGAAATGACAGGAGAGGAAGAAGAGATGGAA
AGGTGTTTGAAGAAATAAGAAGTCTGAGAAAAAATTTAGGGCTCTGCATTCTAACCGTACCCATTCTC
GGGACCATCCCTTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001127169
Insert Size:	297 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).



[View online »](#)

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_001127169.1](#), [NP_001120641.1](#)

RefSeq Size: 971 bp

RefSeq ORF: 297 bp

Locus ID: 100040972

UniProt ID: [A3KGA4](#)

Cytogenetics: X F1

Gene Summary: Plays a role in the negative regulation of NF-kappa-B signaling at the basal level by modulating transcriptional activity of NF-kappa-B on its target gene promoters. Associates with cyclin D1 promoter containing Myc E-box sequence and transcriptionally represses cyclin D1 expression. Regulates telomerase reverse transcriptase expression and telomerase activity in both ALT (alternative lengthening of telomeres)and telomerase-positive cell lines (By similarity).[UniProtKB/Swiss-Prot Function]