OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC207416

Tcap (NM_011540) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcap (NM_011540) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcap
Synonyms:	AI503981; AJ223855
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC207416 representing NM_011540
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACTTCAGAGCTGAGCTGCCAAGTGTCTGAGGAGAACCAGGAACGCAGGGAAGCCTTCTGGGCTG
AGTGGAAAGACCTGACTCTGTCTACCCGGCCGGAAGAGGGATGCTCCTTGCACGAGGAGGATACACAGAG
GCATGAGACCTACCACCGGCAGGGACAGTGTCAGGCGGTGGTACAGCGCTCACCATGGCTGGTGATGCGC
CTGGGTATCCTCGGCCGTGGGCTACAGGAATACCAGCTGCCGTACCAGCGGGTGCTGCCCCTACCCATCT
TCACGCCCACCAAGGTGGGGGCCTCCAAGGAGGAGCGCGAGGAGACCCCCATCCAGCTTCGGGAGCTGCT
GGCCCTGGAGACGGCCCTGGGCGGCCAGTGCGTGGAGCGCCAGGACGTGGCTGAGATCACAAAGCAGCTT
CCCCCTGTGGTGCCAGTCAGCAAACCCGGGCCCCTGCGCCGTACCCTGTCTCGATCCATGTCTCAGGAAG
CTCAGAGAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_011540
Insert Size:	504 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:	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_011540.2, NP_035670.2
RefSeq Size:	948 bp
RefSeq ORF:	504 bp
Locus ID:	21393
UniProt ID:	O70548
Cytogenetics:	11 D
Gene Summary:	Muscle assembly regulating factor. Mediates the antiparallel assembly of titin (TTN) molecules at the sarcomeric Z-disk (By similarity).[UniProtKB/Swiss-Prot Function]

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