

Product datasheet for MC215775

Actl7a (NM_009611) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Actl7a (NM_009611) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Actl7a
 Synonyms: Tact2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC215775 representing NM_009611
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTCTGGATGGTGTGTGGGCTCCACAGACAGCAAACATTGGGGACGGACCTGCCAAGAAAGCTAGTG
 ACCAGGCCCTCCATGCAGACACAGGTCTCCAAACCGCCTCCCTAAAAGATGGCCAGCAAAAAGGGCGGT
 ATGGGTCCGTCGGGACAATGCTGAGACAGAAGACCCTGTTAAGTCAACTATGTCCAAGGATAGGCCAAGA
 CTAGAGGTAACCAAAGCAGTGGTTGTGGACCTGGGCACTGGCTTCTGTAATGTGGCTTTGCTGGCCTGC
 CAAAGCCCACTCATAAGATCTCAACAACAGTGGGCAAGCCCTACATGGAGACGGCCAAGACGGGGGATAA
 TCGCAAAGAGACCTTTGTGGGGCACGAGCTCTTTAACCCAGATATACATCTCAAGCTGGTCAACCCCTG
 CGCCATGGCATCATTGTGGACTGGGACACAGTACAGGACATCTGGGAATACCTCTTCCGACAGGAGATGA
 AGATCGCCCCAGAGGAACACGCGGTCTGGTTTCAGACCCACCCCTGAGTCTCATACCAACAGAGAGAA
 GTACGCCGAGATGCTGTTTGAGACCTTCAACACACCTGCAATGCACATCGCCTACCAATCCCGCCTGTCC
 ATGTACTCCTACGGACGCACCTCTGGCCTGGTGGTGGAGGTTGGACATGGTGTCTCTATGTGGTCCCA
 TCTATGAGGGTTATCCTTTGCCAGCATCACGGGAGGCTAGACTACGCAGGTTCTGACCTAACGACCTA
 CCTGATGAACCTGATGAACAACCTGGAAAACACTTCTCTGAGGACCATCTCGGTATTGTGGAGGACATC
 AAGACGAGGTGCTGCTTCGTGGCCCTGGACCCATTGAAGAGAAGAAAATCCCTGCCCTGAACATGAGA
 TCCATTATACCCTGCCTGATGGGAAAGAGATCCGTCTGGGTGAGGAGGTTCTCTGCTCGGAGATGTT
 CTTCAAGCCATCTCTAATCAAGTCCATGCAGCTGGGCCTCCACCCAGACAGTGTCTGCTTAACAAA
 TGTGACATAGCACTCAAACGAGACCTCATGGGGAACATCCTGCTCTGTGGGGGCAGCACTATGCTCAGGG
 GTTTCCCTAACCGTCTGCAGAAGGAGCTGAGCAGCATGTGCCCAACGACACCCCAAGGTCATGTGCT
 GCCCGAGAGAGACTGCAGTCTGGACTGGTGGTCTATCCTGGCCTCACTCCAGGGCTTCAACCACTG
 TGGTCCATCGCCTGGAGTACGAGGAACATGGGCCTTTCTCCTACAGAAGGTGCTT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009611
Insert Size:	1323 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:	<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_009611.3</u> , <u>NP_033741.1</u>
RefSeq Size:	1513 bp
RefSeq ORF:	1323 bp
Locus ID:	11470
UniProt ID:	<u>Q9QY84</u>
Cytogenetics:	4 31.66 cM