

Product datasheet for MC208104

Actl7b (NM_025271) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Actl7b (NM_025271) Mouse Untagged Clone
Tag: Tag Free
Symbol: Actl7b
Synonyms: Gm26657; Tact1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208104 representing NM_025271
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCACAAAGAACAGCCCTAGCCCTAAGCCCATGGGCACAGCCAGGGCGACCCTGGAGAGGCAGGAA
 CACTGCCAGCACCCGAGGCTGCTGGCATCCGGGACACAGGTTCCACTCAACTGAAGACAAAACCCAAAGAA
 AATACGGAAGATCAAGGCGCTGGTCATTGACCTGGGTTCCAGTACTGTAAGTGGGCTATGCAGGAGAG
 CCGAGGCCACCTATTTTCATCTCCTCTACCGTGGGCAAGCGCAGCGCTGAGATGGCTGCGGATGCTGGAG
 ACAACTCAAGGAGACATACGTAGGCCATGAGCTGCTCAACATGGAGGCATCTCTGAAGCTGGTTAACCC
 ACTGAAGCACGGAGTTGTGGTGGACTGGGATTGTATCCAGAACATCTGGGAGTACATCTCCACACCCGCT
 ATGAAGATCATGCCGGAAGAGCATGCGGTGCTGGTGTCCGACCCTCCGCTCAGCCCCACCAGCAACCCGGG
 AGAAGTACGCTGAGCTCCTGTTTCGAGACCTTCGGCATCCCTGCCATGCATGTGACCTCCCAGGCGTGT
 GTCCATCTACTCATATGGCAAGACCTCCGGCTTGGTGGTGGAGAGCGGACACGGCGTGTGCGATGTGGTG
 CCCATCTCTGAAGGGGACCTGCTGCCGGGCTGCCAGCCGTGTAGACTATGCGGGCTGCGACCTCACCA
 ACTACCTCATGCAGCTACTCAATGAGGCAGGCCACAAGTTTTTCAGACGACCACCTGCACATCATAGAACA
 CATCAAGAAGAAGTGTGCTATGCTGCGCTGCTGCCGAGGAGGATGAGCCTGGGCCTAGACGAGCTG
 CATGTGGACTACGAGCTCCAGATGGGAAGATCATCACCATCGGCCAGGAGCGCTTCCGCTGCTCTGAGA
 TGCTCTTCAAGCCCTCCCTGGTGGGTTGCACCCAACCTGGCCTCCCCGAGCTCACGGCGACCTGCCTGGC
 CCGCTGCCAGGGCACTGGCTTCAAGGAGGAGATGGCTGCTAACGTGCTGTGTGCGGTGGTGCACCATG
 CTGGATGGTTTCCCCGAGCGTTTCCAGAGGGAGTTGAGTCTCCTCTGCCAGGAGACAGCCCCACGGTGG
 CCGCTGCTCCCCGAGGGAAGACATCAGTGTGGACCGGGCTCCATCCTGGCCTCCTTGAAGCCTTCCA
 GCAGCTTTGGTTCAGCAAAGAAGAGTTTGGAGAGCGGGCTGTGCAGCCATCTACAGCAAGTGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025271
Insert Size:	1257 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_025271.2</u> , <u>NP_079547.2</u>
RefSeq Size:	1424 bp
RefSeq ORF:	1257 bp
Locus ID:	11471
UniProt ID:	<u>Q9QY83</u>
Cytogenetics:	4 31.66 cM