

Product datasheet for MC218133

Actc1 (BC062138) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Actc1 (BC062138) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Actc1
Synonyms:	Actc-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC062138 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGTGACGATGAGGAGACCACCGCTTTGGTGTGTGACAATGGCTCCGGGCTGGTGAAGCCGGCTTTG
CGGGTGATGACGCCCCAGAGCTGTCTTCCCATCCATCGTGGGTCGCCACGCCACCAGGGTGCATGGT
GGGTATGGGACAGAAGGACTCCTATGTAGGTGATGAAGCCAGAGCAAGCGAGGTATCCTGACTCTGAAG
TACCCCATGAACATGGCATTATCACCAACTGGGATGACATGGAGAAGATCTGGCACCATACATTCTACA
ATGAGCTCCGTGTGGCCCGAGAGAACACCCAACCCTGCTCACTGAAGCCCGCTGAACCCCAAGGCCAA
CCGTGAGAAGATGACCCAGATCATGTTTGAAACCTTCAATGTGCCTGCCATGTATGTCGCCATCCAGGCA
GTGCTGTCTCTGTATGCTTCTGGAAGAACCACAGGCATTGTTCTGGATTCTGGCGATGGTGAACCTATA
ATGTTCCCATCTATGAGGGTTATGCCTTACCCCATGCCATCATGCGCCTGGATCTAGCTGGTCGGGACCT
CACTGACTACCTCATGAAGATCCTCACTGAGCGCGGGTACTCCTTTGTCACCACTGCTGAACGTGAAATT
GTCCGTGACATAAAAAGAAAACTGTGTTACGTGCGCCTGGATTTTGAGAACGAGATGGCCACAGCTGCAT
CTTCTCTCTCTGGAGAAGAGCTATGAACTTCTGACGGCCAGGTCATCACCATTGGCAACGAGCGCTT
CCGCTGTCCAGAGACTCTTCCAGCCCTTTTCATTGGTATGGAATCTGCTGGCATTATGAACTACT
TACAACGACATCATGAAGTGTGACATCGATATCCGAAAAGACCTGTATGCCAACAATGTCCTATCTGGAG
GCACCACCATGTACCCTGGTATTGCCGATCGTATGCAAAAAGGAAATCACTGCACTGGCTCCAGCACCAT
GAAGATCAAGATTATTGCTCCCCCTGAGCGTAAATACTCTGTCTGGATTGGGGGCTCCATCCTGGCCTCT
CTGTCCACCTTCCAGCAAATGTGGATCAGCAAGCAAGAGTATGATGAGGCAGGCCATCCATTGTCCACC
GCAAGTGCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	BC062138
Insert Size:	1134 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC062138 , AAH62138
RefSeq Size:	1454 bp
RefSeq ORF:	1133 bp
Locus ID:	11464
Cytogenetics:	2 57.55 cM
Gene Summary:	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.[UniProtKB/Swiss-Prot Function]