

## Product datasheet for MR205866

### Actc1 (BC062138) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Actc1 (BC062138) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Actc1
Synonyms:	Actc-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205866 representing BC062138 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGGATCGCC

ATGTGTGACGATGAGGAGACCACCGCTTTGGTGTGTGACAATGGCTCCGGGCTGGTGAAGCCGGCTTTG  
CGGGTGATGACCCCCAGAGCTGTCTCCCATCCATCGTGGGTCGCCACGCCACCAGGGTGTCATGGT  
GGGTATGGGACAGAAGGACTCCTATGTAGGTGATGAAGCCAGAGCAAGCGAGGTATCCTGACTCTGAAG  
TACCCCATTTGAACATGGCATTATCACCAACTGGGATGACATGGAGAAGATCTGGCACCATACATTCTACA  
ATGAGCTCCGTGTGGCCCCAGAGGAACACCCAAACCTGCTCACTGAAGCCCCGCTGAACCCCAAGGCCAA  
CCGTGAGAAGATGACCCAGATCATGTTTGAAACCTTCAATGTGCCTGCCATGTATGTCGCCATCCAGGCA  
GTGCTGTCTCTGTATGCTTCTGGAAGAACCACAGGCATTGTTCTGGATTCTGGCGATGGTGAACATCATA  
ATGTTCCCATCTATGAGGGTTATGCCTTACCCCATGCCATCATGCGCCTGGATCTAGCTGGTCCGGACCT  
CACTGACTACCTCATGAAGATCCTCACTGAGCGCGGGTACTCCTTTGTCACCACTGCTGAACGTGAAATT  
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CTTCTCCTCTCTGGAGAAGAGCTATGAACTTCTGACGCGCAGGTCATCACCAATGGCAACGCGCCTT  
CCGCTGTCCAGAGACTCTTCCAGCCCTCTTTCATTGGTATGGAATCTGCTGGCATTTCATGAACTACT  
TACAACAGCATCATGAAGTGTGACATCGATATCCGCAAAGACCTGTATGCCAAACATGTCTATCTGGAG  
GCACCACCATGTACCCTGGTATTGCCGATCGTATGCAAAGGAAATCACTGCACTGGCTCCCAGCACCAT  
GAAGATCAAGATTATTGCTCCCCCTGAGCGTAAATACTCTGTCTGGATTGGGGGCTCCATCCTGGCCTCT  
CTGTCCACCTCCAGCAAATGTGGATCAGCAAGCAAGAGTATGATGAGGCAGGCCATCCATTGTCCACC  
GCAAGTGCTTC

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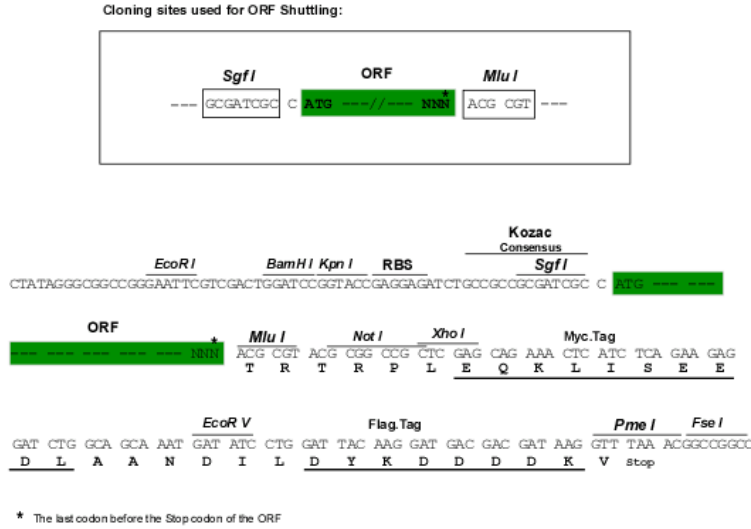
Protein Sequence: >MR205866 representing BC062138  
 Red=Cloning site Green=Tags(s)

MCDDEETTALVCDNGSGLVKAGFAGDDAPRAVFPISVGRPRHQGVMVGMGQKDSYVVGDEAQSQRGILTLK  
 YPIEHGIITNWDMEKIWHHTFYNELRVAPEEHPTLLTEAPLNPKANREKMTQIMFETFNPAMYVAIQ  
 VLSLYASGRTTGIVLDSGDGVTHNVPITYEGYALPHAIMRLDLAGRDLTDYLMKILTERGYSFVTTAEREI  
 VRDIKEKLCYVALDFENEMATAASSSSLEKSYELPDGQVITIGNERFRCPETLFQPSFIGMESAGIHETT  
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 LSTFQQMWISKQEYDEAGPSIVHRKCF

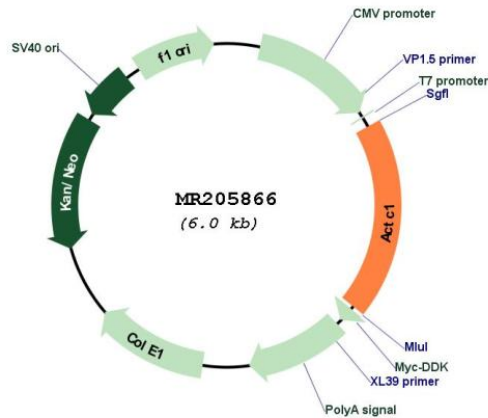
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC062138

<b>ORF Size:</b>	1131 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">BC062138.1</a>
<b>RefSeq Size:</b>	1454 bp
<b>RefSeq ORF:</b>	1133 bp
<b>Locus ID:</b>	11464
<b>MW:</b>	53.2 kDa
<b>Gene Summary:</b>	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]