

Product datasheet for **MC213062**

Actbl2 (NM_175497) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Actbl2 (NM_175497) Mouse Untagged Clone
Tag: Tag Free
Symbol: Actbl2
Synonyms: 4732495G21Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213062 representing NM_175497
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGTTGACGATGAGCTGACTGCTTTGGTAGTAGATAATGGGTCAGGGATGTGCAAGGCAGGTTTTGGGG
GTGACGATGCCCCCGTGTGTTCCTCCATGGTTGGTCGTCCACGACACCAGGGGGTCATGGTAGG
CATGGGCCAGAAGGACTGTTATGTGGGAGATGAGGCCAGAGCAAGCGAGGCATCTTGACCTTGAAGTAT
CCATTGAACACGGAGTCGTACCAACTGGGATGATATGGAGAAGATCTGGTACCACACTTCTACAATG
AGCTCCGGGTAGCACCGGATGAACATCCTATTCTCTCACCGAGGCACCCCTTAACCCCAAAATCAACCG
GGAAAAGATGACTCAGATAATGTTTCGAGGCTTTC AACACACCTGCCATGTATGTAGCAATCCAAGCCGTG
CTATCCCTCTATGCTTCCGGAAGGACTACAGGTATCGTGATGGATTCTGGGGATGGGGTCACTCACACTG
TGCCTATCTATGAAGTTACGCTCTGCCTCATGCCATTCTACGACTAGATCTGGCAGGTAGGGACCTGAC
TGATTACCTCATGAAGATTCTGACAGAACGAGGCTATAACTTCACCACCACAGCAGAGAGGGAGATCGTG
CGGGATGTCAAAGAAAAGTTGTGCTACGTGGCCCTGGACTTTGAGCAGGAGATGGTCACTGCAGCCGCTT
CATCCTCACTAGAGAGAAGCTATGAGTCCCTGATGGCAGGTGATCACCATTGGAAATGAACGCTCCG
GTGCCCAGAAGCCATTTCCAGCCTTCTTTCTAGGCATTGAATCCAGAGGCATCCATGAGACAACCTTC
AACTCGATCATGAAGTGTGATGTAGATATTCGTAAGGATTTATTTGCCAACACTGTGCTGTCTGGAGGCA
GTACCATGTACCCAGGCATTGCCACAGGATGCAGAAGGAAATTGTAACCTTGGCACCAAGTACCATGAA
AATTAAGATCATAGTCCCCCAGAACGCAAGTATTCGTTTGGATTGGGGCTCCATCCTCGCCAGCCTG
TCCACATTCCAGCAGATGTGGATCAGTAAGCAGGAATATGACGAAGCTGGACCTCCCATTTGTTATAGAA
AATGCTTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_175497
Insert Size:	1131 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_175497.3</u> , <u>NP_780706.1</u>
RefSeq Size:	2737 bp
RefSeq ORF:	1131 bp
Locus ID:	238880
UniProt ID:	<u>Q8BFZ3</u>
Cytogenetics:	13 D2.2
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]