

Product datasheet for **RN207908**

Actbl2 (NM_001106409) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Actbl2 (NM_001106409) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Actbl2
 Synonyms: RGD1309504
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN207908 representing NM_001106409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTTGATGATGAGCTGGTGCCTTGGTAGTAGATAATGGGTCAGGGATGTGCAAGCGGGTTTTGGGG
 GTGATGACGCCCCCGTGTGTTCCTCCATGGTAGGGCGTCCACGACACCAAGGGGTCATGGTGGG
 CATGGGCCAGAAGGACTGTTATGTGGGAGATGAGGCCAGAGCAAGAGAGGCATCTTGACCTGAAGTAT
 CCCATTGAACATGGAGTGTCCCAACTGGGATGACATGGAGAAGATCTGGTACCACACTTCTACAATG
 AGCTCCGTGTAGCACCGGATGAGCATCCTATTCTTCTCACCGAGGCACCCCTCAACCCCAAAATCAACCG
 GGAGAAGATGACTCAGATAATGTTTGAGGCTTTC AACACACCTGCCATGTATGTAGCTATCCAAGCCGTA
 CTGTCCCTCTATGCCTCGGAAGGACGACAGGTAACGTGATGGATTCTGGGGATGGCGTCACTCACACTG
 TGCCTATCTATGAAGGCTATGCTCTGCCCCATGGCATTCTACGACTAGATCTGGCAGGCAGAGACCTGAC
 TGATTACCTCATGAAGATCCTGACAGAACGAGGTTATAACTTCACCACCACAGCTGAGAGGGAGATCGTG
 CGGGATGTCAAAGAAAAGCTGTGCTATGTGGCCCTGGACTTTGAGCAGGAGATGGTCACTGCAGTGCTT
 CATCCTCACTTGAAGAAGCTATGAGTCCCTGATGGCAGGTGATCACCATTGGGAACGACGTTTTTCG
 ATGCCCAGAAGCCATTTCCAGCCTTCTTTCTAGGTATTGAATCCAGAGGGATCCATGAGACAACCTTC
 AACTCCATCATGAAGTGTGATGTGGATATTCGCAAGGATTTATATGCCAACACTGTGCTGTCTGGAGGCA
 GCACCATGTACCCGGGATTGCCGACAGGATGCAGAAGGAAATCGTAACCTTGGCACCAAGCACCATGAA
 AATTAAGATCATAGTCCCCAGAACGCAAGTATTCAGTTTGGATTGGGGCTCCATCCTCGCCAGCCTA
 TCCACATTCCAGCAGATGTGGATCAGTAAGCAGGAGTACGATGAAGCCGGTCTCTATAGTTCATAGAA
 AATGCTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN: NM_001106409

Insert Size: 1131 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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:

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: [NM_001106409.1](#), [NP_001099879.1](#)

RefSeq Size: 2748 bp

RefSeq ORF: 1131 bp

Locus ID: 294732

Cytogenetics: 2q14