

## Product datasheet for **RN203288**

### Actrt2 (NM\_001013937) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Actrt2 (NM\_001013937) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Actrt2  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN203288 representing NM\_001013937  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTAAACCGCTGGTACTGGATTCTCCTCCGTGATTTTCGACAACGGGTCTGGACTCTGCAAGGCAG  
 GGCTGTCTGGGGAGATTGGCCCCGTACGTCACCAGCTCTGTTGTGGGGTACCGAAGTTAAAGGCATC  
 CCCACGGGAGCCTGTCAGAAGAAGTACTTTGTCGGAGAGGAAGCCCTGTCAAACAGGAGACTTTGCGC  
 CTGCAGTCCCCATTGAGCGGGTCTGATCACGAGCTGGGATGACATAGAGAAGCTCTGGAGACACCTCT  
 TTGAGTGGGAACCTGGGTGTGAAGCCCAGCGAACGACCTGTGCTCATGACGGAACCCCTCCCTGAACCCAG  
 GGAGAATCGTGAGAAGACGGCAGAGGTGATGTTTGAGACCTTCGAGGTTCTGCCTTCTACCTATCAGAT  
 CAGGCAGTGTGGCACTCTATTCTCTGCCTGTGTACGGCCTGGTGGTAGACAGTGGGGATGGGGTCA  
 CCTGCACTGTCCCATCTTTGAAGGCTACTCCCTGCCTCATGCAGTCAGCAAGCTTTTCGTGGCTGGCAA  
 AGACATCACAGAGCTCCTACCCGGCTGCTCCTGGCCAGTGGGAGAGCCTTCCATGCCCACTGGACAAG  
 GCCCTGGTGGATGATATCAAGGAGAAGCTGTGCTATGTGGCCCTGGAGCCTGAAGAGGAAGCTCTCTCGG  
 GGCAGAAAGAGCTTTGAGGGAGTACAACTGCCTGATGGGAATGTCATTTACATCGGAGACCAGCTGTA  
 CCAGGCTCCTGAGGTCTGTTCTCACAGACCAGCTGGGCACCATGGCCAGGTCTGGCACAGATGGCG  
 TCCAACAGCATAGCCAAGTGTGATGCTGACATACAGAAGACACTTTTGGGGAGATTGTCTTGTCCGGGG  
 GGAGCACTCTGTTTCAGGGGCTGGATGACAGGCTCCTAAAAGAACTGGAACAGCTGGCTTCCAAGGGGT  
 CCCCATCAAAATCACGGCGCCGCTGACCGATGGTTCTCCACGTGGATCGGGGCCCTCATTGTACAGTCT  
 CTGAGCAGCTTTAAGCAGATGTGGATCACTGCTGCAGACTTCAAAGATTTGGCGTGTCTGTGGTCCAGA  
 GACGGTGTTC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001013937



<b>Insert Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001013937.1</a></u> , <u><a href="#">NP_001013959.1</a></u>
<b>RefSeq Size:</b>	1427 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	298671
<b>Cytogenetics:</b>	5q36