

## Product datasheet for **MG206606**

### Actr10 (NM\_019785) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Actr10 (NM\_019785) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Actr10  
**Synonyms:** Actr11; Arp11  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG206606 representing NM\_019785  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGCTCTACGAGGGCCTGGGAGCGCGCGGAGAAGACAGCGGTCGTGATCGACCTAGGAGAAGCTT  
 TCACCAAGTGTGGATTCGCAGGAGAACTGGTCCACGATGTATAATTCCTAGTGTGATAAAAAGAGCTGG  
 CATGTCTAAGCCAATCAAAGTTGTTTCAGTATAATCAATACAGAAGAATTATATTCCTACCTAAAGGAA  
 TTCATCCACATACTGTATTTCCAGGCATCTGTTGGTGAATCCAGAGACCGCCGCGTTGTGGTTATCGAGT  
 CGGTGTTATGTCCTTCCCACTTCAGAGAGACTCTGACTCGTGTCTTTTTAAATATTTTGGAGTTCCATC  
 TGTCTACTTGTCCAAGTCATCTGATGGCACTGCTGACGCTCGGATTAATTCGGCCATGGTCCCTGGAT  
 TGTGGATATAGGGAAAAGCCTGGTGTGCTATCTATGAAGGCATCCCAATACTGAATTGTGGGGAGCAC  
 TGCCGTTAGGAGGAAAAGCTCTCCACAAGGAGTTGAAACTCAGCTGTTGGAGCAATGACTGTTGACAC  
 TGGTGCAGCTAAAGGACAGAGCCTCCCTCAGTGATGGGTTTCAGTCCAGAAGGTGTGCTAGAAGATATT  
 AAAGTGCGCACGTGCTTTGTGAGTATCTGAAGCGTGGACTGCAATCCAAGCAGCAAAATTTAATTTG  
 ATGGGAATAATGAGCGTCCCACTCCACCTCAAATGTTGACTATCCATTGGATGGAGAGAAAATTTTACA  
 TGTGCTTGGATCAATCAGAGATTCAGTTGTGAAAATCCTTTTTGAACAAGATAATGAGGAGAAGTCAGTT  
 GCCACTTTAATTTGGATTCCTTTTACAGTGCCCAATAGACACCAGGAAGCAACTGGCAGAGAATTTGG  
 TAATCATCGGTGGCACATCTATGTTGCCAGGCTTCTCCACAGATTGCTTGCAGAAAATACGGTATTTGGT  
 AGAAAAGCCAAAGTACAAAAAGACACTTGGCACCAAGAATTCGGAATTCATACTCCACCTGCAAAAAGCT  
 AATTGTGTGGCCTGGTTGGGAGGGGCTGTTTTGGAGCATTGCAAGACATACTTGGGAGCCGCTCCATTT  
 CAAAGGAATACTATAACCAGACGGGCCATACCTGACTGGTGTCTCTCAACAACCTCCCTGGAAAT  
 GATGTTTGTGTTGGGAAAAGCGCAACCACCGCTGATGAAAAGGGCATTTCCTACTGAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206606 representing NM\_019785  
 Red=Cloning site Green=Tags(s)

MPLYEGLSGGGEKTAVIDLGEAFTKCGFAGETGPRCIIPSVIKRAGMSKPIKVVQYNINTEELYSYLKE  
 FIHILYFRHLLVNPRDRRVVIVIESVLCPSHFRETLTRVLFKYFEVPSVLLAPSHLMALLTLGINSAMVLD  
 CGYRESLVLPIYEGIPIILNCW GALPLGGKALHKELETQLLEQCTVDTGAAKGQSLPSVMGSVPEGVLEDI  
 KVRTCFVSDLKRGLQIQAAKFNIDGNNERPTPPPNVDYPLDGEKILHVLGSI RDSVVEILFEQDNEEKSV  
 ATLILDSLLQCPIDTRKQLAENLVIIGGTSMLPGFLHRL LAEIRYLVEKPKYKKT LGTKNFRIHTPPAKA  
 NCVAWLGGAVFGALQDILGSR SISK EY YNQ TGRIPDWCSLNNP PLEMMF DVGKAQPPLMKRAFSTEK

TRTRPLE - GFP Tag - V

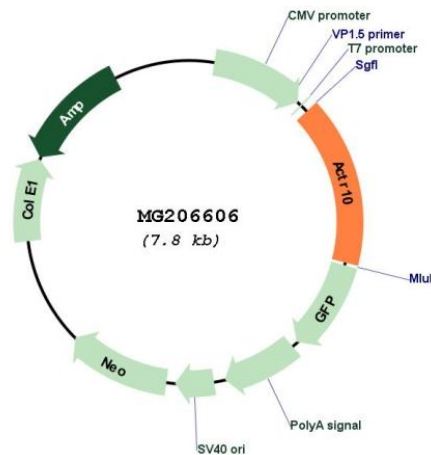
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_019785

<b>ORF Size:</b>	1251 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>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>	<a href="#">NM_019785.1</a> , <a href="#">NP_062759.1</a>
<b>RefSeq Size:</b>	1573 bp
<b>RefSeq ORF:</b>	1254 bp
<b>Locus ID:</b>	56444
<b>UniProt ID:</b>	<a href="#">Q9QZB7</a>
<b>Cytogenetics:</b>	12 C2