

## Product datasheet for SC112507

### ACTR6 (NM\_022496) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ACTR6 (NM_022496) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACTR6
Synonyms:	ARP6; CDA12; hARP6; hARPX; HSPC281; MSTP136
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112507 sequence for NM_022496 edited (data generated by NextGen Sequencing)

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ATGACGACCTTAGTGCTGGATAATGGAGCTTACAACGCCAAAATCGGTTACAGCCATGAA
AATGTGTGCGGTTATTCTAATTGTGTCAGTTCCGGTCAAAAACAGCACGTCTTAAAACCTTTT
ACTGCCAACCCAGATAGATGAAATAAAAGACCCCTTCTGGACTCTTTTACATCCTCCCTTTT
CAAAAGGGCTACTTGGTGAATTGGGATGTTGAGAGACAAGTTGGGATTACCTTTTTGGA
AAAGAAATGTATCAGGTTGATTTTTAGATACTAATATTATTACTGAACCATACTTT
AACTTCACTTCAATTCAAGAATCAATGAATGAAATTCTATTTGAAGAATACCAGTTTCAA
GCAGTATTAAGAGTAAATGCTGGGGCTCTCAGTGCACATAGGTATTTCCGAGATAATCCT
TCCGAATTATGCTGTATCATTGTTGATAGTGGATTTCTTTACACATATAGTTCCTTAT
TGTAAGAAGTAAAAAGAAAAAGAAGCAATTATTCGGATAAATGTGGGAGGAAAACCTTA
ACCAATCATCTAAAGGAGATCATATCTTACAGGCAGCTACATGTTATGGATGAAACACAT
GTGATTAATCAAGTAAAAGAAAGATGTATGCTATGTGTCTCAGGATTTTTATAGAGACATG
GATATTGCAAAGTTGAAAGGAGAAGAAAATACAGTAATGATAGACTATGTCTTGCCTGAC
TTCAGTACAATTAAGGGCTTTTGTAAAGCCAAGGGAAGAGATGGTGTGAGTGGAAAA
TACAAATCTGGGAACAAATCTTCGTTTGCCAATGAGAGATTTGCTGTTCCGGAAATA
CTCTTTAATCCTTCTGATATAGGCATTCAAGAAATGGGAATCCAGAAGCTATTGTCTAT
TCAATTTCAAAATCTACCTGAAGAAATGCAGCCGCAATTTTTTAAGAACATTGTCTTGACA
GGAGGAAATTCCTTTTCCAGGATTTAGGGATCGGGTTTACTCAGAAGTTCGATGTCTT
ACTCCAACAGATTATGATGTTTCTGTTGTGCTGCCTGAAAACCCCTATTACTTATGCCTGG
GAAGGTGAAAAATTGATATCAGAGAATGATGATTTTGAAGATATGGTGGTAAACAAGAGAA
GATTACGAAGAAAATGGACATAGCGTCTGTGAAGAGAAATTTGATATTTAA
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Clone variation with respect to NM\_022496.3



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_022496 unedited</p> <p>CATATTTGTATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGCGGAAGGGAAAC  AACTACGGCTGCGGTGTGGTTGGTGGTGGATGACGACCTTAGTGCTGGATAATGGAGCT  TACAACGCCAAAATCGGTTACAGCCATGAAAATGTGTCCGTTATTCCTAATTGTCAGTTC  CGGTCAAAAACAGCACGTCTTAAACTTTTACTGCCAACCCAGATAGATGAAATAAAGAC  CCTTCTGGACTCTTTACATCCTCCCTTTTCAAAGGGCTACTTGGTGAATTGGGATGTT  CAGAGACAAGTTTGGGATTACCTTTTTGGAAAAGAAATGTATCAGTTGATTTTTAGAT  ACTAATATTATTACTCACTGAACCATACTTTAACTTCACTTCAATTCGAAGATCAATGAAT  GAAATTCTATTTGAAGAATACCAGTTTCAAGCAGTATTAAGAGTAAATGCTGGGGCTCTC  AGTGCACATAGGTATTTCCGAGATAATCCTTCCGAATTATGCTGTATCATTGTTGATAGT  GGATATTCCTTTACACATATAGTTCCTTATTGTAGAAGTAAAAAGAAAAAGAAGCAATTA  TTCGGATAAATGTGGGAGGAAAACCTTAAACCAATCATCTAAAGGAGATCATATCTTACA  GGCAGCTACATGTTATGGATGAAACACATGTGATTAATCAAGTAAAGAGATGTATGCTA  TGTGTCTCAAGATTTTATAGAGACATGGATATTGCAAAGCTGGAAGGAGGAGCAAATACA  GTAATGATAGACTATGTCCTTGCTGACTTCCAGTACATTA AAAAGGGCTTTTGTAGCC  CAGGGAAGAGGATGTGNTGAGTGAAAATACAATTCTGGGGACAAATTCTCGTTTGGCC  ATGANAGATTNGCTGTCCGNAATACTCTTTATT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_022496 unedited</p> <p>AAAACTTTATTGCTTATCTCCCTTTTAAAGTACTCTAGGTACAAAATAAACATTATA  CACATATAAGATCAGTCTTCCAACCTTGAATGTATAAATAAGAATGACATTTTAAAT  AAAATAGTTTAGTCACAGTCACACAAAACCTTCTAAGGAAAACGTCCAGTGAAGCC  GTTAAATTTGTGCTTTCAGCTATGAAGAATTAACCTTAAATGCATTCTTCTTTTA  ATGAAAAATAACCTACCCTTGGAAACAGCATAAGCATTGTATGGTAGTCTAGCTCCTAA  ATGAAAATGTGGACTGAGTTACAGTTTACTGTAGTAACCTACCTAAGAAGCCTTTGAAAA  TTAGCAATCGATCAAAGTATTTACATAAATTCAGCCTTTTTCTTAGGACAAAAGGTAAC  ACAGTTCCTTAACCTCTTTTAAAGGAACCTTGAATTAACCTTATGGTCACAACCTTC  ATTCAAAATGTTGCTTAAATATCAAATTTCTCTTACAGACGCTATGTCATTTTCTTC  GTAATCTTCTCTGTTACCACCATATCTTCAAATCATCATTCTCTGATATCAATTTTCC  ACCTTCCCAGGCATAAGTAATAGGGTTTTTCAGGCAGCACACAAGAAACATCATAATCTGT  TGGAGTAAGACATCGAACTTCTGAGTAAACCCGATCCCTAAATCCTGAGAAAAGGGAATT  TCTCCTGTCAAGAACATGTTCTTAAAAAAATGCGGCTGCATTTCTTCAGGTAGATTTTG  AATTGAATAGANCATAGCTTCTGGAATTCCTTTCTGATGCCTATATCAGAAAGATTA  AAGAGTATNTCCCGACAGCAAATCTCTCATTGGCCAACGAAGAAATNTGTCCAGATTG  TATTTTCACTTACACATCTCTCCTTGCTACAAAGCCTTTTTATTGACTGAGTCAGCA  GACTAGCTACATACTGATTTCT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_022496
<b>Insert Size:</b>	1800 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).

**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\\_022496.2](#), [NP\\_071941.1](#)

**RefSeq Size:** 1789 bp

**RefSeq ORF:** 1191 bp

**Locus ID:** 64431

**UniProt ID:** [Q9GZN1](#)

**Cytogenetics:** 12q23.1

**Domains:** ACTIN