

Product datasheet for **SC321088**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_022496.2
 GGGGGAGCAGAGGGGTCGGAAAGGGAAAACAACACTACGGCTGCGGTGTGGTGGTGGTGGAG
 ATGACGACCTTAGTGCTGGATAATGGAGCTTACAACGCCAAAATCGGTTACAGCCATGAA
 AATGTGTCGGTTATTCCTAATTGTCAGTCCGGTCAAAAACAGCACGCTTAAAACCTTTT
 ACTGCCAACAGATAGATGAAATAAAAGACCCTTCTGGACTCTTTTACATCCTCCCTTTT
 CAAAAGGGCTACTTGGTGAATTGGGATGTTGAGAGACAAGTTGGGATTACCTTTTTGGGA
 AAAGAAATGTATCAGGTTGATTTTTTAGATACTAATATTATTATCACTGAACCATACTTT
 AACTTCACCTTCAATTCAAGAATCAATGAATGAAATTTCTATTTGAAGAATACCAGTTTCAA
 GCAGTATTAAGAGTAAATGCTGGGGCTCTCAGTGACATAGGTATTTCCGAGATAATCCT
 TCCGAATTATGCTGTATCATTGTTGATAGTGGATTCCTTTACACATATAGTTCCTTAT
 TGTAGAAGTAAAAAGAAAAAGAAGCAATTATTCGGATAAATGTGGGAGGAAAACCTTA
 ACCAATCATCTAAAGGAGATCATATCTTACAGGCAGCTACATGTTATGGATGAAACACAT
 GTGATTAATCAAGTGAAGAAGATGTATGCTATGTGTCTCAGGATTTTTATAGAGACATG
 GATATTGCAAAGTTGAAAGGAGAAGAAAATACAGTAATGATAGACTATGTCTGCCTGAC
 TTCAGTACAATTAAGGGCTTTTGTAAAGCCAAGGGAAGAGATGGTGTGAGTGGAAAA
 TACAAATCTGGGGAACAATTCTTCGTTTGCCCAATGAGAGATTTGCTGTCCGGAATA
 CTCTTTAATCCTTCTGATATAGGCATTCAAGAAATGGGAATCCAGAAGCTATTGTCTAT
 TCAATTCAAAATCTACCTGAAGAAATGCAGCCGATTTTTTTAAGAACATTGTCTTGACA
 GGAGGAAATTCCTTTTCCAGGATTTAGGGATCGGGTTACTCAGAAGTTTCGATGTCTT
 ACTCCAACAGATTATGATGTTTCTGTTGTGCTGCCTGAAAACCCTATTACTTATGCCTGG
 GAAGGTGGAAAATTGATATCAGAGAATGATGATTTTGAAGATATGGTGGTAACAAGAGAA
 GATTACGAAGAAAATGGACATAGCGTCTGTGAAGAGAAAATTTGATTTTAAAGCAACATTT
 TTGAATGAAAGTTGTGACCATAAGGTTTAAATTTCAAAGTTCTTTTAAAAGAGGTTAAGG
 AACTGTGTTACCTTTTGTCTAAGAAAAAGGCTTGAATTTATGTAATACTTTGATCGAT
 TGCTAATTTTCAAAGGCTTCTTAGGTAGGTTACTACAGTAACTGTAACCTCAGTCCACAT
 TTTCAATTAGGAGCTAGACTACCATAACAATGCTTATGCTGTTTCCAAGGGTAGGTTATT
 TTTCAATTAAGAAGAATGAATGCATTTTAAAGTTAATTTCTTATAGCTGAAAGCACAAA
 TTTAACGGCTTCACTGGACAGTTTTCTTAGAAGGTAGTTTTGTGTGACTGTGACTAAAC
 TATTTTATTTTAAAATGTCATTCTTATTTATACATTCTAAAGTTGGAAAGACTGATCTTA
 TATGTGTATAATGTTTATTTGTACCTAGAGTACATTTAAAAGGGTGGAGACTAAGCTAA
 TAAAGTTTTTTTGCCACTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022496

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_022496.2](#), [NP_071941.1](#)

RefSeq Size: 1789 bp

RefSeq ORF: 1191 bp

Locus ID: 64431

UniProt ID: [Q9GZN1](#)

Cytogenetics: 12q23.1

Domains: ACTIN