

## Product datasheet for **SC314246**

### **ACTR8 (AK022996) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ACTR8 (AK022996) Human Untagged Clone
Tag:	Tag Free
Symbol:	ACTR8
Synonyms:	ARP8; hArp8; INO80N
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for AK022996, the custom clone sequence may differ by one or more nucleotides

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ATGACCCAGGCTGAGAAGGGTGATACGGAGAACGGAAAGGAGAAGGGCGGCGAGAAGGAG
AAGGAGCAGCGCGGCGTGAAGCGGCCATCGTGCCCGCGTGGTGCCGGAGTCGCTGCAA
GAGCAATCCAGAGCACTTCATCATTGTCATACATCCAGTTCAACAACCTTTAAGGATT
GGTCGAGCCACAGACACTCTTCTGCCAGCATTCTCACGTGATTGCCCGAAGACACAAA
CAACAAGGGCAGCCCCTATACAAGGACAGTTGGCTCCTAAGGGAGGGACTAAATAACCA
GAAAGTAATGAACAAAGACAAAATGGCCTTAAAATGGTGGATCAAGCAATATGGTCTAAA
AAGATGTCCAATGGTACAAGACGCATTCTGTGTCCCCTGAACAGGCACGCTCTACAAT
AAGCAGATGCGACCTGCAATTTTAGATCACTGTTCCGGAAATAAGTGGACAAACACATCT
CATCACCTGAGTATTTAGTAGGAGAAGAGGCCTTGTATGTTAATCCACTGGACTGTTAC
AATATTCAGTGGCCTATCAGAAGAGGTCAGTAAATATTCACCCAGGCCCTGGGGCTCT
CTTACAGTGTCTGGCAGATATTGAAGTAATATGGTCTCATGCGATACAAAAACTTGG
GAAATCCCACTGAAAGATTTAAAGTATTATAGATGTATCTTGTTAATTCCTGATATCTAT
AATAAGCAGCATGTGAAAGAACTAGTGAATATGATACTAATGAAGATGGGTTTTTCAGGG
ATTGTGGTCCATCAGGAGTCTGTGTGTGCCACCTATGGAAGTGGCTTAAGCAGCAGTGT
ATTGTAGACGTTGGGGACCAGAAGACAAGTGTATGCTGTGTGGAGGATGGGGTGTCTCAT
CGGAATACTCGGCTTTGTCTGGCATAACGGAGGATCTGATGTGTCAAGATGTTTTACTGG
CTAATGCAGCGAGCTGGGTTCCCTTACAGAGAATGCCAGTTAACAATAAAATGGATTGT
CTTCTTCTGCAACACCTTAAAGAACTTTTTGTCATTTAGATCAGGACATCTCTGGGCTT
CAGGACCATGAGTTTCAGATTCGACATCCTGATTCTCCTGCCCTGCTTTACCAGTTTCGA
TTAGGAGATGAAAACTGCAGGCTCCAATGGCTTTGTTTTACCCGCAACTTTTGGAAATC
GTTGGACAGAAAATGACGACTTTGCAGCACAGATCTCAGGGCGATCCTGAGGATCCTCAC
GATGAACATTACCTGCTGGCCACACAGAGCAAAACAAGAACAGTCTGCAAAAGCTACTGCT
GACCGAAAGTCTGCATCCAAACCTATTGGATTTGAAGGGATCTTCGTGGCCAGTCTCT
GATCTTCCAGAAAGACTCCATTCAGGAGGTAGATTTGGGGTCTGCACAGGGAGATGGC
CTGATGGCCGGCAACGATTCCGAGGAGGCCCTCACTGCACTGATGTCCAGGAAGACTGCC
ATCTCGTGTTTGAAGGAAAAGCCCTGGGCTGGATAAAGCCATCCTCCATAGCATAGAC
TGCTGTTCATCTGACGACACCAAAAAGAAGATGTACAGTCCATCCTAGTGGTGGGAGGT
GGTTTGATGTTTCATAAAGCTCAAGAATTTCTGCAGCACAGAATTCTCAACAAAATGCCA
CCATCCTTCAGGCGAATTATTGAAAATGTGGATGTGATACAAGGCCTAAGGACATGGAC
CCCCGGCTGATTGCATGAAAGGAGGGGAGTGTGGCTTGTGGGTACAAACACAGGAA
CTGTGGATTTATCAGCGAGAGTGGCAGCGCTTTGGTGTCCGCATGTTACGAGAGCGGGCT
GCGTTTGTGTGG
    
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- Restriction Sites:** Please inquire
- ACCN:** AK022996
- 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:** [AK022996.1](#), [BAB14352.1](#)

**RefSeq Size:** 2676 bp

**RefSeq ORF:** 2676 bp

**Locus ID:** 93973

**Cytogenetics:** 3p21.1

**Domains:** ACTIN

**Gene Summary:** Plays an important role in the functional organization of mitotic chromosomes. Exhibits low basal ATPase activity, and unable to polymerize.[UniProtKB/Swiss-Prot Function]