

## Product datasheet for **SC211090**

### **ACTR1B (NM\_005735) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ACTR1B (NM\_005735) Human 3' UTR Clone  
**Symbol:** ACTR1B  
**Synonyms:** ARP1B; CTRN2; PC3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_005735  
**Insert Size:** 949 bp  
**Insert Sequence:** >SC211090 3'UTR clone of NM\_005735  
 The sequence shown below is from the reference sequence of NM\_005735. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCCGTGTATTTCATCGCAAACTTTCTAGTGCCCAAGGAGGGCGGGGCATGTTGGGAGAGGGGGAGGG
AGGGGAGACAGAGCCTTTAACCCTTTTTGGTCTTGGCTCGTATACTAGGCTTAGGGTCCCCTGCATGCC
CTGAACCCCTGGGTGGTGGCAGCAGTGCACAGCAGTGCACAGCCTTCCCCTCTACACAGGACATGCACAC
ACAAGTAACATTGAGCTGCATGGACAGGAGCCTTGAGCTGGCGTGTGGGAATTGAGCGCCATGTCAGGC
TGTGTGGGTATCCCCCTGGCAGGGCCAGCTAGGCCTGTGGTTCCTGCTCCGACTCTCAGGGCTGCCT
CCCTGAGCTCCAGGGCCAGAATGCCTGGATGCCTGGGTAGCCAGTTTGGGGAGTGGGCTGCAAGGGGCA
GCCAGCAGCTCCCCTGGTGTGTCACTGCATCCATTGCCACCTCCTGTTTCGTGACCTGACAGGGTGACA
CAGCCCCTTTCACACTCTGTCTCCTATCTTCTGGGTAGATGCCCTGGTGTAGGGCTGAGTACTGAAT
GGTCTTCCATCCCAGCAAGGGGGTGCAGCCCAGGGTCAGGCCCTTCCAGAGCCAGGGCAGAGGATGCAC
GGTGGCTAGAGCCGCTGCACTATCCTTTTCCAGAGCACTTCATCCACTTGTCTCCTCCCTCTACCTCGGC
ACCCTGGGTGGGAAAGGGTTGATGCTCATCATTTATTGAGGGGAAGCCACTTAATAAGGAGTCAGACCT
AAAAGGGGTGGGGGACATTTTCTACCTCACCAAGAAAGAGGTCGTCACTTTTGTGTGGCCAGGGC
CCCACCTCCTCTCAGATATGTACAATAATTTAACACGGTTGCCTGAAAAAACTTTTGTAAATCAT
TATAGTAATAATTATGGACAAGGCCAGTGTGTGGCTCTGTTTTCTTGTGGC
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_005735.4</a>
<b>Summary:</b>	This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008]
<b>Locus ID:</b>	10120
<b>MW:</b>	33.3