

## Product datasheet for **MC200596**

### Aktip (NM\_010241) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Aktip (NM_010241) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aktip
Synonyms:	AL023020; Fif; Ft; Ft1; Fts
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC008130 sequence for NM\_010241  
 CCGTGGCGCTCGGCCCCAGCGCTCCGCACCGAGGGCATCCAGGTTAAGGCAGAGGCAGGAAGATTGGGA  
 GTTTGAGACCAGCCTGGGGTGTATCCTGAATTCCTGACTAACCTGGACCACATAGCAGTGTGAATGCTGA  
 GGACAGAAGAGTTTGATGACACAGCGCTGAAGTTCTTTGTGTGGAGCACCGTAATGAACCTTTGTGGA  
 GCATGTCTGCAGGCTCTGTGCGCAAACGAGCTGAAGGTGAAGAGAAGACATTAGCAGGAGATGTAAAAAC  
 CAGTCCCTCCACGAAGTGCACCCAAAAACAGCTACCTTCTATTCCAAAAATGCTCTACCCATAGCGAAG  
 CCTACATCTCCTGCCCCAGCAGCGCAGTCAACAAACGGCACCCATGCCTTTATGGACCCTTCTACCTGG  
 AATATTCCGCTTCTTGCAGAATTTACTCTGGTAGTGAAGCAGAAGCTGCCAGGAGTCTACGTACAGCCATC  
 TTACCGCTCTGCATTAGTGTGGTTTGGAGTAATATTCATACGGCACGGGCTGTATCAGGATGGCGTATTC  
 AAGTTTACGGTGTATATTCCTGATAACTATCCTGATGGCGACTGTCCGCGCTTGCTGTTTATATCCCG  
 TCTTTACCCACTAGTTGATCCACCTCGGGTGAAGTGTGAAAAGAGCGTTCGAAAGTGGAGGCG  
 GAACCATAACCATATATGGCAGGTGTTAATGTATGCGAGGAGAGTCTTCTACAAGATCGACACGACGAGC  
 CCCCTGAACCCAGAGGCCGAGTGTGTATGAAAAAGACATTCACTTTTTAAAAGTAAAGTGGTCGACA  
 GTGTTAAAGTGTACTGCCGCTTTTTGACCAGCCCAAGATAGAAGACCCCTACGCCATTAGCTTTTC  
 TCCGTGGAACCTTCTGTACATGATGAGGCCAGAGAAAAGATGCTGACTCAGAAGAAGCCTGATGAACAG  
 CACAATAAAAGTGTTCATGTTGCTGGCCTGTATGGGTAAAGCCTGGCTCAGTACAACCTTTCAGTAAAG  
 AAGAGAAAACAGTAGCAACCTAAGAGATGGTGGATCTGGTGCACCGTGCACCTTTCCTGCTGGACTCTGGC  
 CTAGTTAAAGCTGACTAATGGCAAAGGACTGCCTGAAGAGTAACTTCGTGAACCGTGAAGTATCAG  
 TGTGTGTATGCGTAGGTTCTAACAGCAGGTTATGGAGACCTCTCATTAAAGTAGAGTTACTTCTGTCCGA  
 AGTGTCCAGGGTGGATCTAGTTCAGTACTCCAAATATTGGGGACCTTGAGGCTTAAAGTATTTTTCTGAAT  
 ATGTTAGAGGTAAGTTGTGTTTACTTAACTAACAGAACAGAGACTGTAAAGTACAATGAGTACCA  
 TGAATAGTTTGGAGTTGGTAGTTTCAGCTGTACATATGTTAGCCATGAAGAAGGGTGTAGAGGACAGA  
 CTCCGAGTGCAGCACTTCAAGTAGAAGCCTGGCTTCCAGCTTCAGCCTGCTGACTTGTGTAACATC  
 TATCTCAGAAGCATTAGGAACGTAGGCAGAACCAGGATGCTTCATCATAGGGTTTTTTTTTTTATTTTT  
 TTTTTTAAAGCAAATTAAGTATTTTTATGGCAGGAAGAAGAAAAAGTGTTCAAACGGTTTCTGATGAA  
 GTCAGGTATTTAAATGGTGAATGACTGATGTGTTAGTGGAGATGAAATAAACCAATAAATGATTGATTGT  
 CATTTATGCAGGAAAGTAAATGCTCCTTTTCAATATAACTAAACAGAGACTAATTTATAAGTGCTTTATTG  
 AAAAAACACATATTTTCATATAAAATACAGTAGCGGTAAGGTTTTCTAAGTACTGTCACAGCAC  
 TACTCTGTGGTGGGGGGGAGTGCCAGGCTGTAGGTCCTCAGCTGGGTGCTGTAGAGCAGCATGAAGTTA  
 CCTAGTAACTTGGTTTATCATGATCCAATTTACAATTGAATTTTCTCCTTAGGATTATTAATCCAACAAT  
 AATGATTAATAAAGATATGCGTAGATAATCAATAGCTGTTAAATAATTTTCTAATTTGTATAAATGGTAC  
 TATGTACTAATAAAAACCTCAGTTCTCCAA AAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_010241

**Insert Size:** 879 bp

**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).

**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:** [BC008130](#), [AAH08130](#)

**RefSeq Size:** 2175 bp

**RefSeq ORF:** 879 bp

**Locus ID:** 14339

**UniProt ID:** [Q64362](#)

**Cytogenetics:** 8 44.25 cM

**Gene Summary:** Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). Regulates apoptosis by enhancing phosphorylation and activation of AKT1. Increases release of TNFSF6 via the AKT1/GSK3B/NFATC1 signaling cascade (By similarity).[UniProtKB/Swiss-Prot Function]