

Product datasheet for **MR204014**

Aktip (NM_010241) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aktip (NM_010241) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aktip
Synonyms:	AL023020; Fif; Ft; Ft1; Fts
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204014 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCTTTGTGGAGCATGTCTGCAGGCTCTGTGCGCAAACGAGCTGAAGGTGAAGAGAAGACATTAG
CAGGAGATGTGAAAACAGTCCTCCACGAAGTGCACCCAAAAACAGCTACCTTCTATCCCAAAATGC
TCTACCCATAGCGAAGCCTACATCTCTGCCAGCAGCGCAGTCAACAAACGGCACCCATGCCTTTAT
GGACCTTCTACCTGGAATATTCGCTTCTGCAGAATTTACTCTGGTAGTGAAGCAGAAGCTGCCAGGAG
TCTACGTACAGCCATCTACCGCTCTGCATTAGTGTGGTTTGGAGTAATTCATACGGCACGGGCTGTA
TCAGGATGGCGTATTCAAGTTTACGGTGTATTCCTGATAACTATCCTGATGGCGACTGTCCGCGCTTG
CTGTTTGATATCCCGTCTTTCACCCACTAGTTGATCCCACCTCGGGTGAAGTGTGAAAAGAGCGT
TCGCAAAGTGGAGGCGGAACCATAAACATATATGGCAGGTGTTAATGTATGCGAGGAGAGTCTTCTACAA
GATCGACACGACGAGCCCTGAACCCAGAGGCCCGCAGTGTGTATGAAAAGACATTCAACTTTTTAA
AGTAAAGTGGTCGACAGTGTAAAGTGTACTGCCCGTCTTTTGACCAGCCAAAGATAGAAGACCCCT
ACGCCATTAGCTTTTCTCCGTGGAACCTTCTGTACATGATGAGGCCAGAGAAAAGATGCTGACTCAGAA
GAAGCCTGATGAACAGCACAATAAAAGTGTTCATGTTGCTGGCCTGTCATGGGTAAGCCTGGCTCAGTA
CAACCTTCAGTAAAGAAGAGAAAACAGTAGCAACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_010241.2](#)

RefSeq Size: 2173 bp

RefSeq ORF: 879 bp

Locus ID: 14339

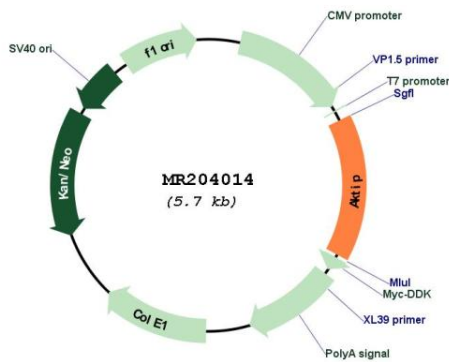
UniProt ID: [Q64362](#)

Cytogenetics: 8 44.25 cM

MW: 32.9 kDa

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]

Product images:



Circular map for MR204014