

Product datasheet for **MR229050**

Aktip (NM_001302266) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aktip (NM_001302266) 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: >MR229050 representing NM_001302266
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCCTTTGTGGAGCATGTCTGCAGGCTCTGTGCGCAAACGAGCTGAAGGTGAAGAGAAGACATTAG
 CAGGAGATGTGAAAACCAGTCCTCCACGAAGTGCACCCAAAAACAGCTACCTTCTATCCCAAAATGC
 TCTACCCATAGCGAAGCCTACGTCTCCTGCCCCAGCAGCGCAGTCAACAAACGGCACCCATGCCTTTAT
 GGACCTTCTACCTGGAATATTCGCTTCTGCAGAATTTACTCTGGTAGTAAGCAGAAGCTGCCAGGAG
 TCTACGTACAGCCATCTTACCGCTCTGCATTAGTGTGGTTTGGAGTAATTCATACGGCACGGGCTGTA
 TCAGGATGGCGTATTCAAATTTACGGTGTATTCCTGATAACTATCCTGATGGCGACTGTCCGCGCTTG
 CTGTTTGATATTCCTGCTTTTCAACCCACTAGTTGATCCCACCTCGGGTGAGCTGGATGTGAAAAGAGCGT
 TCGCAAAGTGGAGGCGGAACCATAAACCATATATGGCAGGTGTTAATGTATGCGAGGAGAGTCTTCTACAA
 GATCGACACGACGAGCCCCCTGAACCCAGAGGCCCGCAGTGCTGTATGAAAAGACATTCAACTTTTTAAA
 AGTAAAGTGGTCGACAGTGTAAAGTGTGACTGCCCGCTTTTTGACCAGCCAAAGATAGAAGACCCCT
 ACGCCATTAGCTTTTCTCCGTGGAACCCCTCTGTACATGATGAGGCCAGAGAAAAGATGCTGACTCAGAA
 GAAGCCTGATGAACAGCACAATAAAAGTGTTCATGTTGCTGGCCTGTCATGGGTAAGCCTGGCTCAGTA
 CAACCTTTCAGTAAAGAAGAGAAAACAGTAGCAACC

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_001302266.1](#), [NP_001289195.1](#)

RefSeq Size: 2159 bp

RefSeq ORF: 879 bp

Locus ID: 14339

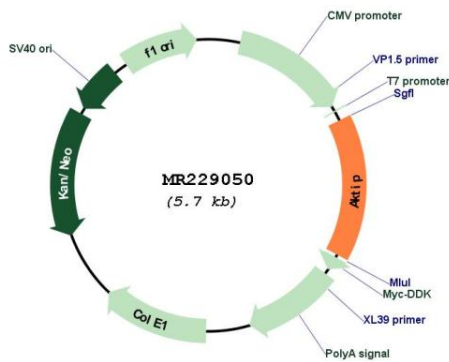
UniProt ID: [Q64362](#)

Cytogenetics: 8 44.25 cM

MW: 33.4 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 MR229050