

Product datasheet for **RG215277**

FTS (AKTIP) (NM_022476) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FTS (AKTIP) (NM_022476) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FTS
Synonyms:	FT1; FTS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG215277 representing NM_022476 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACCCTTTCTGGAGCATGTCTACAAGCTCTGTACGCAAACGATCTGAAGGTGAAGAGAAGACATTAA
CAGGGGACGTGAAAACAGTCCCTCCACGAACTGCACCAAAGAAACAGCTGCCTTCTATCCCAAAAATGC
TTTGCCATAAATAAGCCTACATCTCCTGCCCCAGCAGCACAGTCAACAAATGGCAGCATGCGTCCTAT
GGACCCTTCTACCTGGAATACTCTCTTCTGCAGAATTTACCTTGGTTGTGAAGCAGAAGCTACCAGGCG
TCTATGTGCAGCCATCTATCGCTCTGCATTAATGTGGTTTGGAGTAATATTCATACGGCATGGACTTTA
CCAAGATGGCGTATTTAAGTTTACAGTTTACATCCCTGATAACTATCCAGATGGTACTGTCCACGCTTG
GTGTTTCGATATTCCTGTCTTTCACCCGCTAGTTGATCCCACCTCAGGTGAGCTGGATGTGAAGAGAGCAT
TTGCAAAATGGAGGCGGAACCAATCATATTTGGCAGGTATTAATGTATGCAAGGAGAGTTTTCTACAA
GATTGATACAGCAAGCCCCTGAACCCAGAGGCTGCAGTACTGTATGAAAAAGATATTCAGCTTTTTAAA
AGTAATGTTGTTGACAGTGTAAAGGTGTGCACTGCTCGTTTGTGGACCAACCTAAAATAGAAGACCCT
ATGCAATTAGCTTTTCTCCATGGAATCCTTCTGTACATGATGAAGCCAGAGAAAAGATGCTGACTCAGAA
AAAGAAGCCTGAAGAACAGCACAATAAAAGTGTTCATGTTGCTGGCCTGTATGGGTAAGCCTGGCTCA
GTACAGCCTTTCAGTAAAGAAGAGAAAACAGTGCGGACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_022476.2](#), [NP_071921.1](#)

RefSeq Size: 2193 bp

RefSeq ORF: 879 bp

Locus ID: 64400

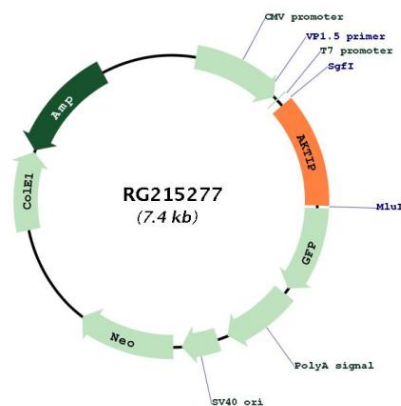
UniProt ID: [Q9H8T0](#)

Cytogenetics: 16q12.2

Domains: UBCc

Gene Summary: The mouse homolog of this gene produces fused toes and thymic hyperplasia in heterozygous mutant animals while homozygous mutants die in early development. This gene may play a role in apoptosis as these morphological abnormalities are caused by altered patterns of programmed cell death. The protein encoded by this gene is similar to the ubiquitin ligase domain of other ubiquitin-conjugating enzymes but lacks the conserved cysteine residue that enables those enzymes to conjugate ubiquitin to the target protein. This protein interacts directly with serine/threonine kinase protein kinase B (PKB)/Akt and modulates PKB activity by enhancing the phosphorylation of PKB's regulatory sites. Alternative splicing results in two transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG215277