

Product datasheet for **RR200635**

Fktn (NM_001108667) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fktn (NM_001108667) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fktn
Synonyms:	Fcmd
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR200635 representing NM_001108667
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCAGAGTCAATAAGAACGTGGTCTTGGCCCTTCTAACACTGATGAGCTGTGCCTTCTGCTGTTTC
 AGCTGTACTACTACAAGCACTACTTGTACGACCGGAATGGAACGGTTTCATCAAAATCCAAGGAAATCG
 AGTTGGATTTGATAGCACACAATGGCGTGCAGTTAAGAAATTTATTATGCTGACATCCAGCCAAAATGTG
 CCGGTGTTCTTATTGACCCCTGGATTCTGGAATCAATTAATAAAAAATTCGAACAAGTGAAAAATGCCT
 CTCAAGGCTCGGCCTCAGAATGCAGATTTTCTGTGTTCCGAGAGACTTCACTGCGTTCGCGCTGCAGTA
 TCACCTGTGGAAGAATGAGGATGGATGGTTTCAGATGGCTGAGAACATGGGATCCAGTGCCTGAAGATT
 GAAAGCAAAGATCCTCGGCTGGATGGAATAGACTCGCTTCCGGAAGTGAATCCCTCTGCACTATGTCT
 GTAAGCTGGCCACTCACCCATCCACTTGGTCGTCTTTCAGGAGGAGTGGCAACTACCTCTGGCATGG
 TCACCTACGACTCAAAGGCCACATGGATAGGAAGTTTGTCTTTTTCGAAGGCTACAATTTGGTCGTTAT
 CCTGGAGCCTTTGACAGGCCGAGTTACAGCAGTTACTGTTGATGGACTCGACATGCTTATCCAAAAG
 ACCCAGGGCGCTTTCTAGAAGAAGTACCTCACTCCAGATTTATCGAGTGCAGGTATAAAGAAGCCCGGGC
 ATTCCTTCAGCAGTACGTCGATGACAACACTGTGGATGCCATGGCCTTTTCGGAAGAGGGCAAAGGAGTTA
 CTGCAACTAGCGGCCAAGACGCTGAAGGCGCTGGGAGTGCCTTCTGGCTGAGCAGTGGGACGTGTCTAG
 GATGGTATCGGCAATGCAGTATCATTCTTATAGCAAAGATGTCGACCTAGGAATTTTTCATTCAAGATTA
 CAAACCTGATATTGTTTTGGCATTTCAGGATGCAGGACTTCCACTCAAACACAAGTTTGGGAAGTGGAG
 GACAGCTTGGAACTCTCCTTCCAGGGACAAGCTGATGAAAACCTGATATTTTTTTCTTCTATGAAGAGA
 CTGACCATATGTGAATGGAGGCACGACGCGCAGGACAGAAAGAAAGTTAAGTATCTGTTCCCAATGAA
 TACACTGTGCTGGACGGAGTTTGTAGACATAAAAGTCCATGTTCCCTGTGAAACAGTTGACTACATTGAA
 GCCAACTATGGCAAGGCCTGGAAGATCCCTGTCAAGACCTGGGACTGGAAGAGCTCACCCCGAATGTGC
 AGCCCAATGGGTCTGGCCTATTCGGAGTGGGATGAAGTTATCCAGTTGTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200635 representing NM_001108667
 Red=Cloning site Green=Tags(s)

MSRVNKNVVLALLTLMSCAFLLFQLYYKHYLSARNGTGSSKSKGNRVGFDSTQWRAVKKFI MLTSSQNV
 PVFLIDPWILESINKNFEQVKNASQGSASECRFFCVPRDFTAFALQYHLWKNEGWFMQENMGFQCLKI
 ESKDPRLDGIDSLSGTEIPLHYVCKLATHAIHLVVFHERSGNYLWHGHLRLKGHMDRKFVFPFRLQFGRY
 PGAFDRPELQQVTVDGLDMLIPKDPGRFLEEVPHSRFIECRYKEARAFLQQYVDDNTVDAMAFKRKAKEL
 LQLAAKTLKALGVPFWLSSTGLGWYRQCSIIPYSKDVDLGIPIQDYKPDIVLAFQDAGLPLKHKFGKVE
 DSLELSFQGGADVKLDIFFFYEETHMWNNGGTQARTGKKFKYLPKFTLCWTEFVDIKVHVPCE TVDYIE
 ANYGKAWKIPVKTWDWKSPPNVQPNGVWPISEWDEVIQLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001108667.1](#), [NP_001102137.1](#)

RefSeq Size: 3402 bp

RefSeq ORF: 1386 bp

Locus ID: 362520

Cytogenetics: 5q24

MW: 53.5 kDa