

## Product datasheet for **RR213441**

### Mark3 (NM\_130749) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mark3 (NM_130749) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mark3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR213441 representing NM\_130749  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCACTAGGACCCCTTTGCCAACGGTGAATGAACGAGACACTGAAAACCACATTTACATGGAGATG  
 GGAGGCAAGAAGTCACCTCCCGCACCGGGCGCTCTGGAGCTCGGTGTAGAACTCAATAGCTTCTGTGC  
 AGATGAACAGCCTCATATTGAAACTACAGACTATTGAAAAAATCGGCAAGGGAACTTTGCAAAAGTG  
 AAATTGGCGAGACACATCCTCACAGGCAGAGAGTTGCAATAAAGATAATTGACAAAACAGTTGAATC  
 CAACAAGTCTACAGAAGCTTTCAGAGAAGTAAGAATAATGAAGATTTTAAATCACCCAAACATAGTGAA  
 ATTGTTTCGAGGTCATTGAAACGGAAAAACACTCTACTTAATCATGGAATATGCAAGTGGAGGTGAAGTA  
 TTTGACTATTTGGTTGCACATGGAAGAATGAAGGAAAAAGAAGCAAGAGCTAAGTTTAGACAGATTGTGT  
 CCGCAGTACAGTATTGCCACAAAAACGGATCGTTCACAGAGACCTCAAGGCTGAAAATCTGTTATTAGA  
 TGGCGATATGAACATTAATAACAGATTTTGGTTTTAGCAATGAATTTACTGTTGGCAGTAAACTAGAC  
 ACGTTTTGTGGTAGTCCACCATATGCAGCCCTGAGCTCTCCAGGGCAAGAAGTATGACGGGCCGGAAG  
 TGGACGTGTGGAGTCTCGGCGTCATTCTGTACACCCTAGTCAGTGGGTCACTTCCCTTTGATGGTCAGAA  
 CCTGAAGGAACTGAGAGAGAGACTCCGAGGGAAGTACAGAATCCCTTTCTACATGTCCACAGACTGT  
 GAGAACCCTTCTAAGCGCTTCTGGTGTGAACCCAGTTAAACCGCGCACTCTGGAGCAAATCATGAAGG  
 ACAGGTGGATCAATGCAGGTCAAGGGAAGAGGAGCTTAAAGCCATTTGTCGAACCAAGTACAGATCTC  
 AGACCAGAAGAGAATAGATATTAGTGGGAATGGGATATTCCCAAGAAGAAATACAAGAATCTCTTAGT  
 AAAATGAAATACGATGAAATCACAGCGACGTACTTGTACTGGGGAGGAAGTCTGCAGAGCTGGACGCTA  
 GTGACCCAGTTCTAGCAGCAACCTTTCACTTGAAGTGGCGCAAGCAGTACCTCAGCAATAGCAC  
 TGGCCAGTCTCCTCATCACAAAGGGCAGAGGAGTGTGTCTTCAAGTCAGAAGCAGAGACGGTACAGTGAC  
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 ACCTCAAAGAAGATGGAGTTCCCTCCCGAAAAATCAGGCAGCAGTGTGTAGGAGGAAAGGGGATTGCCCC  
 TGCCAGTCCCATGCTTGGGAATGCAAGCAATCCCAATAAAGCTGATATCCCGAGCGCAAGAAAAGCCCT  
 GCTGTCCCAGTAGTAATGCAGCATCTGGTGGGATGACTCGGAGGAACACTTACGTGTGCAGTGAGAGAT  
 GTGCAGCGGACAGACATTCAGTGATTGAGAACGGCAAAGAAAGCAGCCTGACAGAAGTGTTCGTTACGC  
 AGCTAGCCCTGCCTCACTCTGTGCCACATCTACCTGTCCGCTGAGACATCAGAGGTCGATGTCCGTGTCA  
 GCCTCTGGGCACCCCAAGATGGTGTACCTCCAATAGACAGTGAAGGAGATACCTTCAAGGCTATCACCA  
 CTCCAGATCAGAGGACTCCAGTTGCTTCTACACACAGTATTAGCAGTGGCACAACCCAGATCGCATCCG  
 TTCCCAAGGGGCACAGCCAGCCGTAGCACTTTCCACGGGCAGCCTCGAGAGCGGCGAACCAGCAACATAT  
 AATGGCCCCCAGCCTCACCCAGCTTGTCCCATGAAGCCACACCGCTGTCCCAGACGCGAAGCAGAGGCT  
 CCACTAATCTTTTAGCAAATTAATCTTAACTCACCAGAAGACTTCCAATGAATATGAGAGGAACGG  
 GAGATATGAGGGCTCAAGTCGCAATGTATCTTCGGAACAAAAGGATGAGAACAGAGAGGCCAAACCTCGG  
 TCCCTGCGCTTACCTGGAGCATGAAAACCACTAGTTCATGGATCCCAGTGACATGATGCGGGAGATCC  
 GCAAAGTGCTGGACGCCAATACCTGCGACTATGAGCAGAGGGAGCGCTTCTGCTTCTGTGTCCATGG  
 CGACGGGCACGCTGAGAGCCTGGTGCAGTGGGAGATGGAAGTCTGTAAGCTGCCAAGACTGTCTCTGAAT  
 GGGGTCCGGTTAAGCGGATATCAGGGACATCCATCGCTTTCAAAAACATTGCTTCAAAAATTGCCAACG  
 AGCTAAAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_130749.1](#), [NP\\_570105.1](#)

**RefSeq Size:** 2700 bp

**RefSeq ORF:** 2394 bp

**Locus ID:** 170577

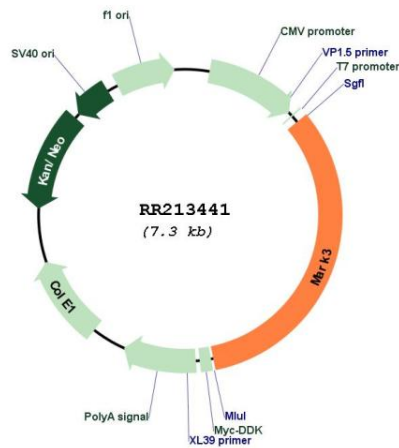
**UniProt ID:** [Q8VHF0](#)

**Cytogenetics:** 6q32

**MW:** 88.8 kDa

**Gene Summary:** protein kinase that may regulate microtubule dynamics [RGD, Feb 2006]

**Product images:**



Circular map for RR213441