

## Product datasheet for **RC226064**

### **BANK1 (NM\_001127507) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BANK1 (NM_001127507) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BANK1
Synonyms:	BANK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>RC226064 representing NM\_001127507  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTGCCAGCAGCGCCAGGCAAGGGGCTTGGGAGCCCGACCCCGCCCCTGCGGCCAGCGCCCCAG  
ATTCTGAAGACTACTTTGAGGTCAACATTTCCAACAGACCTACGAGCAAAACATTCTGGGAAATAAGTGA  
GAGAAAGGAAATTGAAGAACTATCAGAAGCTTCAAGAAACACCATACCACTAGCAGTGGTCTTCCCACT  
GAAATTCATGTGAGAATCCTGGTGAATATTCATAATTTTGGAGAGATGAAGTAATTGGTGATACTGTAG  
AGGTTGAATTTACATCAAGTAATAAGCGCATTAGAACACGGCCAGCCCTTTGGAATAAGAAAGTCTGGTG  
CATGAAAGCTTTAGAGTTTCTGCTGGTTCAGTCCATGTCAATGTCTACTGTGATGGAATCGTTAAAGCT  
ACAACCAAAATTAAGTACTACCAACAGCAAAGGCAAAGGAATGCCTATTCAGAATGGCAGATTCAGGAG  
AGAGTTTGTGCCAGAATAGCATTGAAGAACTTGATGGTGTCTTACATCCATATTCAAACATGAGATACC  
ATATTATGAGTTCAGTCTCTTCAAAGTAAATTTGTTCTCAAAACAAATACTCATTTCAAAGAACTT  
CCAACCTCTTCCACTGTGCAGCAAAATTTGGCTTAAAGAACCTGGCTATTCATTGCTTCAATGTTTCAG  
GAGCAACCTGGGCATCTAAGATGAAAAATATGGAGGGTTCAGACCCCGCACATATTGCTGAAAGGCATGG  
TCACAAAGAACTCAAGAAAAATCTTCAAGACTTTTCAATCCAAGAAATGACATAAATAATGAGCAAGAA  
AATGATTATGAAGAGGATATTGCCTCATTTTCCACATATATTCCTTCCACACAGAACCAGCATTTCATC  
ATGAAAGCAGGAAGACATACGGGCAGAGTGCAGATGGAGCTGAGGCAAAATGAAATGGAAGGGGAAGGAAA  
ACAGAAATGGATCAGGCATGGAGACCAAAACAGCCCACTAGAGGTTGGCAGTGAGAGTTCTGAAGACCAG  
TATGATGACTTGTATGTGTTCAATCTGGTGTGATCCAGAAAAAATTCACAAGAGCCACTCATGAGCA  
GCAGACCTCTCTCCCCCGCCGACCTGTAGCTAATGCCTTCCAACCTGAAAGACCTCATTCCACCTT  
ACCAGGGACAATGGTGGAAAGGCCAAATGGAAAGAAGTCAAACTGGGGTCATCCTGGTGTAGACAAGAA  
ACAGGAGATGAACCCAAAGGAGAAAAAGAGAAGAAAGAAGAGGAAAAAGAGCAGGAGGAGGAAGAAGACC  
CATATACTTTTGTGAGATTGATGACAGTGAATATGACATGATATTGGCCAATCTGAGTATAAAGAAAA  
AACTGGGAGTCGGTCTTTTATTATAAATAGACCTCCTGCCCCACACCCCGACCCACAAGTATACCTCCA  
AAAGAGGAAACTACACCTTACATAGCTCAAGTGTTCACAAAAGACAGCCAGAAGACAATCTGATGATG  
ACAAGTTCCGTGGTCTTCTAAGAAACAAGACAGAGCTCGGATAGAGAGTCCAGCCTTTTCTACTCTCAG  
GGGCTGTCTAACTGATGGTCAGGAAGAATCATCTCTGCAGGAGAAAGTAAAGAAATGGGAAAAATGTCT  
ATGGATGAAGCTCTGGAGAAATTTAAACTGTCAGATGGGAAAAAGTGGCCTGGAAATGATTGAGCAGG  
AGAAATACGACAACACGAGACTGCATTATTGGGAAAAGGCCAGAAGAAGAAAAATGTCTATAATAAAT  
CACCATTGTGCACCATCCAGGTGTAAGGAAACTGCCCAATGAAAAAAGTTTTATAATGTACACTTC  
AGCAATAAGCTTCTGCTCGACCCCAAGTTGAAAAGGAATTTGGTTTCTGTTGCAAGAAAGATCAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
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\\_001127507.2](#), [NP\\_001120979.2](#)

**RefSeq ORF:** 1959 bp

**Locus ID:** 55024

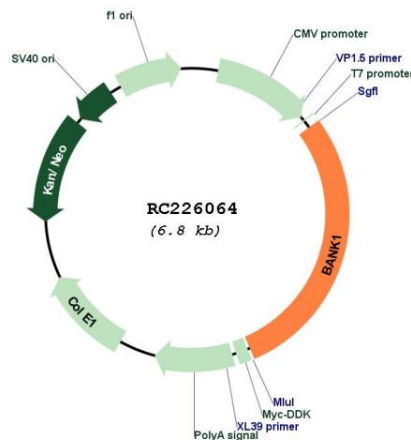
**UniProt ID:** [Q8NDB2](#)

**Cytogenetics:** 4q24

**MW:** 73.5 kDa

**Gene Summary:** The protein encoded by this gene is a B-cell-specific scaffold protein that functions in B-cell receptor-induced calcium mobilization from intracellular stores. This protein can also promote Lyn-mediated tyrosine phosphorylation of inositol 1,4,5-trisphosphate receptors. Polymorphisms in this gene are associated with susceptibility to systemic lupus erythematosus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

### Product images:



Circular map for RC226064