

Product datasheet for **MC221602**

Bank1 (NM_001033350) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bank1 (NM_001033350) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bank1
Synonyms:	A530094C12Rik; AI451642; AVIEF; BANK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221602 representing NM_001033350
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCCTGTGGCTTCTGGCACTAGGGGTAGCACCCAGGATCTGTTCCAGGTTGGCCTAGCACCTCCAG
 GAAATGCAAAAAGATATCCTGTTGCTATATGAAGAAGATGCTGAGGAATGGGCTCTATACTTGAGAGAAAT
 ATTTATGCGTGTGTAGAAAAGAGAAGCAATCCTGTTATATCCCTTGCACAGTTTTTCTTCTTCACATTTG
 GAAATGCTAAACTTCTATGCTTACAAATGTAACTTCTGATAATATCCAATAGTCTACTTAAAGACCTGA
 CGCCAAAGAAGTGTCAAGTTTCTGGAGAAGATACTCACTCAACAGGAAATGTAGTGACTTTGCTTTGTGG
 GATGGAGAGCTCAGATCCTTTCTATCAGTTATTAAGTATCCCCAGAAAGAGATGGGAGATCTCAACAGAG
 CAGGATCCGGATGGTTACATCTGTGCATCAGACAGATCTAGACCAAGGTCCTGAAGACTACCTTGAGG
 TCAGCATTCCAACAGACTCAAGAGCCAAGTATCCTGAGGACACAAGTGGACAGAAGGGAAGTACGTCCT
 AGCATCTCTGAGACCATCTGTGCTCGGACTAGTGCTTCTGGGAAATTCATGTGAGAAACCTGGT
 GAGATATTCATTCTGTTGAAAGATGAACTAATTGGCGAAATTCAGAGGTTGAATTTATATCAACCAACA
 AGCGCCTCAGAGCACGGCCAGCAGTGGGAATAAGAGTGTCTGGCATATGAAAGCTGCAGATTTTCCAGC
 TGGCTCGGTCACTGTCAATATCCACTGTGATGGAATCATCAAGGCCACAACAGAGATTAATACTGTTCA
 GCAGCAAAAGCAACAGAAAGTCCATTTAGAGTGTGAGACCCGGGCAAGAGTTTGTGCCAGAAAAGCATCG
 AAGAAGTTGATAATGTTCTTGCATCTATATTCAAGCGTGAGATACCATATTATGAATTCAAAATCTCCA
 AGCTGAAACTTACCCTCAAAAAGAACGTAATCACACCACAGAGCTCCCAACACTTCTTCACTGTGCAGCA
 AAATTTGGCTTAAAGAATCTGGCTTTCATCTGCTGCAGTGTTCAGGAGCAACCAGGGCAGCTAGAATGA
 AAGCGACAGATGGTTCAGACCTGCTGCATATTGCTGAAAGGCATGGTTCATGAAGAATCAAGGAAGTCTT
 TGAAGACTTTCTAGCCAAAACACTGGCAGAAATAGCAAGCAAGAAAATGACTATGAAGAAGATGTAATC
 TCAATTTCCACATATTCACCCTCCATGCGCTCTCCGGCATCCCTTCATGAACTCAGGAAGACACACAGGC
 GGAACACAGACAGATCTGAGGAGCTGAAAGGTCTGTGGAGATGAAGGAGGAAGAAGCAGGTGCTGAGGC
 AAGACGCAGCCTGTGAGAGGTGAAAGGGAAAGCTCCGAGAACCAGTATGACGATCTGTATGTTTTCATC
 CCTGGGTTTGACACCGAAGGCAACTCTGAAGAGCCTCTCCACACTGCAGGCCACCTCTGCTGCCACCAC
 GACCAGGCACTGCTGCCTCCCAGCTAGAAAGACCTCACTTTACCTCACAAGGAAAAGTACTGGAAGACCA
 AATGGAAGAAGTCAAACTGGAATGATCTCAATGCAAGACCAGAGACAAGAGAGGAATCCAGCAGAGAA
 GAAAAGAAAGAAGGCCAGGAGGAGGAGGAAGAAGAAGAAAACCCATATGCATTTGCAGAGACTGAAG
 ACAATGAGTATGACCTGATACTGGCCAGTAAGAGTGTCAAGAAAAGAACTGGAAATCGGTTCTTCATTAT
 AAACAGACCACCGGCTCCACACCCCGGCCACGCACATCCCTCCAAAGAAAGAAACAACACCTTACATA
 GCTCAAGTGTTCACAAAAGGCAGCCCGAAGACAATCTGATGGTGATAAGTTCTACAGTCTACCTAAGA
 AACCCGACAAAACCTCGGATGGAGGGCCCAACCTTCCCTAGTACAAGGGATTATCTGACTACTGGGCAGGA
 AGAACTGATCCTCCTGCAGGAGAGAGTCAAGAATGGGAAAATGTCTGTGGATGAAGCTCTGGAGAAATTT
 AAACATTGGCAGATGGGAAAGAGTGGTCTGAAATGATTACAGCAGGAAAAGCTACGGCAACTACGAGACA
 ACATTATTGGGAAAAGGCCAGAAGATGAAAATGCCTATGATAAACTGACCATTGTGCACCATCCAAGTGG
 TAATACTGCCACAATGAAAATATGTTGTACAACAGTCCATTCAACAGTAAGTTTCTGCTCGAATCCAA
 GTTGAAAAGGAGTTTGGTTTCTGCTGCAAAAAGATCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001033350
Insert Size: 2352 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">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:	<u>NM_001033350.3</u> , <u>NP_001028522.2</u>
RefSeq Size:	3268 bp
RefSeq ORF:	2352 bp
Locus ID:	242248
UniProt ID:	<u>Q80VH0</u>
Cytogenetics:	3 63.04 cM
Gene Summary:	Involved in B-cell receptor (BCR)-induced Ca(2+) mobilization from intracellular stores. Promotes Lyn-mediated phosphorylation of IP3 receptors 1 and 2 (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).