

Product datasheet for **RN217205**

Bank1 (NM_001047918) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bank1 (NM_001047918) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bank1
Synonyms:	LRRGT00104
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217205 representing NM_001047918
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCCTGTGGCTTCTGGCACTGGGGCAGCAGCCAGATCTCTCCAGGTTGGCCTAGCGCCTCCAG
 GAAATGCAAAAAGATATCCTACTGCTCCATGAAGAAGATGCCAAGGAATGGGCTCTATACTTGAGAGAAAT
 ATTTATACATGTTGTAGAAAAGAGAAGAAATCCTGTTATACCCGCTGCACAGTTTTTCTTTTTTCACATTTG
 GAATCGCTACACTTAAATGCTTACAGATGTAACTTCTGATATTATCTAATAATCTACTTAAAGACCTGA
 CGCCAAAAGAGTGCAGTTTCTGGAGAAGATACTCCTATGGGAAGTGTGTGACTCTGCTTTGTGG
 GATGGAGAGTTCAGATCCTTTCTATCGCTTACTAAATATCCCGAGAAAGAGCTGGGAGATCTCAACAGAG
 CAGGAGCCCGATGACTACCTGTCTGTATCAGACAGATCTTAGACCAAGGTCCTGAAGACTACCTTGAGG
 TCAGCCTCCGACAGACTCAAGAGCAAAATACTCTGAGGACCTACGTGGACAGAAGGGAAGTATGACCT
 AGCAGCTTTGCGACCATCTGTGCTAGGGTACTAGTGCTTCTGGGAAATTTTCATGTGAGAGTCCCGGT
 GAGATATCCATTCTGTTGAAAGACGAACTAACTGGTGAATTTCTGGAAGTTGAATTTGCGTCGACACGCA
 AGCGCCTCCGAGCTCGGCCCGCACGCTGGAGTAAGAGTGTCTGGCGTATGAAAGCTGCAGATTTTCCAGC
 TGGTTTGGTCACTGTCAATATCTATTGTGATGGAATGATCAAGGCCACAACAGAGATCAAATACTATTCA
 GCAGCAAAAGCAACAGAAAGTCCATTTAGAGTGTGAGACCCGGACAAGGGTTTGTGCCAGAAAAGCATCG
 ATGAGCTTGATAATGCTCTTGCATTTGTATTCAAGCATGAAATTCATATATGAATTCAAAATCTCCA
 AACTGAACTCACCTTCAAAAAGAACATACTTACACCACAGAGCTCCCAACCTCCTCCACTGTGCAGCA
 AAGTTCGGCTTACAGAATCTGGCTCTTCATCTTCTGCAGTGTTCAGGAGCAACCTGGGCAGCTAGGACGA
 AGTCTACAGATGGTTCAGACCTGCTGCATATTGCTGAAAGGCATGGTTCATGAAGAATCAAGAAAATCTT
 TGAAGACTTTCTAGCCAAAACATTAGCAGAAATAACGAGCAAGAAAATGACTATGAAGAAGATGGGGTC
 CCTTTTTCCACATATTCACCTCTACGCACTCTCCAGCGTCTCATCGTGAACCCAGGAAGACACACAGGT
 GGAGCACAGACAGCTCTGAGGAGCTGTGTGAGTGGACACAAAGGACGAATCAGCAAGTGTGAGGCAAG
 ACACGGCTGCCGGAGGTGAGCAGGAAAGCTCGGAGAACCAGTATGATGATCTCTATGTGTTTATCCCC
 GGATGTGACACCGAAGGCCACACTAAAGAGCTCTCCCACTGCAGGCCACCTCTGCCCCACCACGTC
 CAGGGGCTGTGCCTCCCACTAGAAAGACCTCACTTTACCTCACAAGGGAAAGTGTGGAAGACCAAT
 GGAAGAAAGTCAAACCTGGAATGATCTCGGTGCAAGACAAGAGACAAGAGAGGAACCCAGCAGAGAAGAA
 AAGAAGGAAGAAGTACAGAAGGAGGAGGAGGAGGAGGAAAACCCATACACGTTTGCAGAGACCGAAGACA
 ATGAGTATGACCAGATTCTGGCCAGTAAGAGTATAAAGAAAAGAAGTGGAAATGGTCTTTCATTGTAAA
 CAGACCACCTGCCCCACGCCCGGCTACTCACATCCCTCTCAAAGAAGAAAACAACACCTTACATAGCT
 CAAGTGTTCAAACAAAAGGCAGCCAGAAGACAATCTGATGGTGGTGATAAGTGTACAGTCTCCCTAAGA
 AACCAGACAAAACCTCGGATGGAAGGCCAACCTTCCCTACTGCAAGGGGCTACCTGACCACTGGACAGGA
 AGAAGTATCCTCCTGCAGGAGAGAGTCAAGAATGGGGAAATGTCTGTGGATGAAGCTCTAGAGAAGTTT
 AAACACTGGCAGATGGGAAAGAGTGGACTGGAATGATTACAGCAGGAAAAGCTACGCCAACTGCGAGACA
 ACATTATTGGGAAAAGGCCAGAAGATGAAAACGCCTATGATAAACTGACCATTGTGACCATCCGAGTGG
 TAATACTGCCACAATGAAAAAATGCTGTACAACAGCCCTTCAACAGTAAGTTTCTGCTCGAATCCAA
 GTTGAAAAGGAATTTGGTTTCTGCTGCAAAAAGATCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001047918
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001047918.2, NP_001041383.2</u>
RefSeq Size:	3121 bp
RefSeq ORF:	2352 bp
Locus ID:	365948
Cytogenetics:	2q43