

Product datasheet for **SC316069**

BANK1 (NM_001083907) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BANK1 (NM_001083907) Human Untagged Clone
Tag:	Tag Free
Symbol:	BANK1
Synonyms:	BANK
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001083907, the custom clone sequence may differ by one or more nucleotides

```

ATGATATATGAAGAAGATGCTGAGGAATGGGCTCTGACTTGACAGAAGTATTTTTACAT
GTTGTGAAAAGGGAAGCCATCCTGTTATATCGCTTGGAGAATTTCTTTTTCGGCATTTG
GAGTTGCTGAACCTAACGCTTACAAATGTAACTTTTGATATTACAAATAGCCTGCTT
AGAGACCTAACTCCAAAGAAAATGTCAGTTTCTGGAAAAGATACTTCATTACCAAAAAAGT
GTAGTTACTTTTGCTTTGTTGGAGTGAAGAGTTCAGATCAGCTCTATGAATTACTAAATC
TCTCAAAGCAGATGGGAGATCTCAACTGAACAGGAACCTGAAGACTACATCTCTGTAATC
CAGAGTATCATATTCAAAGATTCTGAAGACTACTTTGAGGTCAACATTCCAACAGACCTA
CGAGCAAAAACATTCTGGGAAAATAAGTGAGAGAAAAGAAAATTGAAGAAGTATCAGAAGCT
TCAAGAAAACCATACCACTAGCAGTGGTCTTCCCACTGAAATCCATGTGAGAATCCT
GGTGAAATATTCATAATTTTGAGAGATGAAGTAATTGGTGATACTGTAGAGGTTGAATTT
ACATCAAGTAATAAGCGCATTAGAACACGGCCAGCCCTTTGGAATAAGAAAAGTCTGGTGC
ATGAAAAGCTTTAGAGTTTCTGTGTTTCCAGTCCATGTCAATGTCTACTGTGATGGAATC
GTTAAAGCTACAACCAAAATTAAGTACTACCCAACAGCAAAGGCAAAGGAATGCCTATTC
AGAATGGCAGATTCAAGGAGAGAGTTTGTGCCAGAATAGCATTGAAGAAGTGTGATGGTGC
CTTACATCCATATTCAAACATGAGATACCATATTATGAGTTCAGTCTCTTCAAAGTAA
ATTTGTTCTCAAAAACAAATATACTCATTCAAAGAACTTCCAAGTCTTCTCCACTGTGCA
GCAAAATTTGGCTTAAAGAACCTGGCTATTCATTTGCTTCAATGTTTCAAGGAGCAACCTGG
GCATCTAAGATGAAAAATATGGAGGGTTCAGACCCCGCACATATTGCTGAAAGGCATGGT
CACAAAGAACTCAAGAAAATCTTGAAGACTTTTCAATCCAAGAAATTGACATAAATAAT
GAGCAAGAAAATGATTATGAAGAGGATATTGCCTCATTTCACATATATTCCTTCCACA
CAGAACCAGCATTTTCATCATGAAAGCAGGAAGACATACGGGCAGAGTGCAGATGGAGCT
GAGGCAAAATGAAATGGAAGGGGAAGGAAAACAGAATGGATCAGGCATGGAGACCAAAACAC
AGCCCACTAGAGGTTGGCAGTGAAGTCTGAAGACCAGTATGATGACTTGTATGTGTTT
ATTCCTGGTGCTGATCCAGAAAATAATTCACAAGAGCCACTCATGAGCAGCAGACCTCCT
CTCCCCCGCCGACCTGTAGCTAATGCCTTCCAAGTGGAAAGACCTCACTTACACCTTA
CCAGGGACAATGGTGAAGGCCAAATGGAAGAAAGTCAAACTGGGGTCACTCCTGGTGT
AGACAAGAAACAGGAGATGAACCAAGGAGAAAAAGAGAAGAAAGAGGAAAAAGAG
CAGGAGGAGGAAGAAGACCCATATACTTTTGTGAGATTGATGACAGTGAATATGACATG
ATATTGGCCAATCTGAGTATAAAGAAAAAACTGGGAGTCGGTCTTTCATTATAAATAGA
CCTCCTGCCCCACACCCGACCCACAAGTATACCTCAAAGAGGAAACTACACCTTAC
ATAGCTCAAGTGTTCACAACAAAGACAGCCAGAAGACAATCTGATGATGCAAGTCTGT
GGTCTTCTAAGAAAACAAGACAGAGCTCGGATAGAGAGTCCAGCCTTTTCTACTCTCAGG
GGCTGTCTAAGTATGATGAGTCTGGAGAAATTTAAACTGGCAGATGGGAAAAAGTGGC
CTGGAAATGATTCAGCAGGAGAAATACGACAACACTACGAGACTGCATTATTGGGAAAAGG
CCAGAAGAAAGAAAATGTCTATAAATAAATCACCATTGTGCACCATCCAGGTGGTAAGGAA
ACTGCCCAATGAAAATAAGTTTTATAATGTACACTTCAGCAATAAGCTTCTGCTCGA
CCCCAAGTTGAAAAGGAATTTGGTTTCTGTTGCAAGAAAGATCAT

```

Restriction Sites: Please inquire

ACCN: NM_001083907

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_001083907.1 , NP_001077376.1
RefSeq Size:	3224 bp
RefSeq ORF:	2268 bp
Locus ID:	55024
UniProt ID:	Q8NDB2
Cytogenetics:	4q24
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate exon at its 5' end, compared to variant 1, which produces a unique 5' UTR and causes translation initiation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>