

## Product datasheet for **SC321244**

### **BIN3 (NM\_018688) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BIN3 (NM_018688) Human Untagged Clone
Tag:	Tag Free
Symbol:	BIN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_018688.4  
 GGACCCCGCGGCAGACGCAGGTTCCGGACCATGAGTTGGATTCTTTTAAAGATTGGCA  
 GCCCAAGAAACAGATTGTGCCAAAACAGTGGAGAGAGACTTTGAAAGGGAGTATGGAAA  
 ACTTCAGCAGCTGGAAGAGCAGACCCGGAGGCTGCAGAAAAGACATGAAGAAGAGCACCGA  
 CGCAGACCTGGCCATGTCAAAATCTGCCGTGAAGATATCCTTGGACTTACTCTCCAATCC  
 CCTCTGTGAGCAAGACCAGGACCTTCTGAACATGGTGACGGCCCTGGACACGGCCATGAA  
 GCGGATGGATGCCTTCAATCAGGAAAAGGTGAACCAGATCCAGAAGACTGTGATCGAGCC  
 CTTAAAAAAGTTTCGGCAGTGTCTTCCCGAGCCTCAACATGGCTGTGAAGAGGCGGGAACA  
 GGCTTGCAGGACTACAGGAGGCTGCAGGCCAAGGTGGAGAAGTATGAGGAAAAGGAGAA  
 GACGGGGCCAGTGTGGCCAAGCTCCACCAGGCACGAGAGGAGCTGCGGCCTGTGCGGGA  
 GGACTTTGAGCCAAGAACAGGCAGCTGCTGGAGGAGATGCCGCGCTTCTACGGCAGCCG  
 CCTCGACTACTTCCAGCCCAGCTTTGAGTCCCTCATCCGAGCTCAGGTTGTGTACTACTC  
 GGAATGCACAAGATCTTTGGAGACCTGTCCCATCAGCTTGACCAGCCAGGCCACTCCGA  
 TGAGCAGCGGGAGCGGGAACGAGGCCAAACTCAGTGAGCTCCGGGCCCTCTCCATTGT  
 GGCCGATGACTGAATCCCGTCACTCTTGAGGACTCCTGTGACGTGGTCAGCCTCATTC  
 ATCCTTGGCCTTCTCAGGGCTAGCTGCTCCTCTCACAGGCTGGGACAGAGGTGGCCCTG  
 GTTCACTTGC CGGCCCTTTGCAATGAATGACTTCTCTGAGCCTGGCACCAGGAGCCCTA  
 GGCAGGCCCGCTCTCCCACTCACAGCCCAGCAGGTAAGCAGTGTAGACAAAACCTTG  
 GGGCTTTTTTATTTGGAGAACCCTCCAGCATGCATCCTGGCCACGGCCTGAGCAAGCTG  
 CAGCCCTTCTGAGGCCATGGGCTTCGTTGGCTAAGTTGGGGTCTTAGCCTTGCATGCGT  
 TGTGGGCATCAATCTACCTCAAAAAGACCCATCCTGGGAGCCCTCTGGCCCTCGTTG  
 CCTTTTCACTTCAAAAACCTTTTTTTCTGGGAGAGGCCCTGAACCCTGTGCGGGAGAGCT  
 GTCTCCAGCCCTGGCAGGCCCTCAGCCAGCTTCCCAGCAAGACAAGGGCACCCCTGTG  
 GGCTTTGGGACCTAAGTGGTTGGGTTCCCGAGTCACTGAGGACTGGTACCTCGGGAAC  
 GCAAGCTGTCAAGTGAAGTGTCCACAAGAATTACAGGTCTCAAAGCAGGAACAGTGGG  
 TTTGTGTCTCACCTGAGTATCTGGAATTTATTTTTTCAAGTAAAATTTTCAATGAAACG  
 TCCACATAGTATTGTGCTGTAACCTAGGCGAGCAGAGGAAACCCCTTCTGGCCTGCTG  
 CCCTCCACGGAGCAGCAGCACCCTCCAGCAGGCAGCCAGCATGCCAGGGGTGTGTGCGC  
 ACCTCCCCGGCCCTGGCCACCTTCTGGAGCGAACTGCACCGTGGTCCAGCAGAGGCGCT  
 GGGTGGGAGGGCACGCGGCAAGCCTAGGAGAGTAGGAAGAGCTGTGGAGACACACTCT  
 CAGTTTGTTTTTGACTTTGGTTTATTTAAAAACAAGCCAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_018688

**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:**

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\\_018688.4](#), [NP\\_061158.1](#)

**RefSeq Size:** 1863 bp

**RefSeq ORF:** 762 bp

**Locus ID:** 55909

**UniProt ID:** [Q9NQY0](#)

**Cytogenetics:** 8p21.3

**Domains:** BAR, BAR

**Gene Summary:** The product of this gene is a member of the BAR domain protein family. The encoded protein is comprised solely of a BAR domain which is predicted to form coiled-coil structures and proposed to mediate dimerization, sense and induce membrane curvature, and bind small GTPases. BAR domain proteins have been implicated in endocytosis, intracellular transport, and a diverse set of other processes. [provided by RefSeq, Jul 2008]