

## Product datasheet for **SC104243**

### **SBNO1 (BC030544) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SBNO1 (BC030544) Human Untagged Clone
Tag:	Tag Free
Symbol:	SBNO1
Synonyms:	MOP3; Sno
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for BC030544, the custom clone sequence may differ by one or more nucleotides

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CCACGCGTCCGGGAGGTAGGCAGAGCAGGACGCCGCTGCCGCCGCCACCGCCGCTCCGCTCCAGT
CGCCTCTGGTCTTCAAACCTCACACCTCCCGGGAGGAGCTGCTGGCGCCGGTCCCGCGGGGAAATG
GTGGAGCCAGGGCAAGATTTACTGCTTGTGCTTTGAGTGAGAGTGAATTAGTCCGAATGACCTCTTTG
ATATTGATGGTGGAGATGCAGGGCTTGCAACTCCAATGCCTACCCGTCAGTTTCAGCAGTCAGTGCCACT
TAGTGCATTAGAAGTGTGGAGACCGAAGCAGCAGTTCTGTAAACAAGAACCAGAGACTGTACCT
ACTCCAGCACTATTAATCAGCAGCCTCCATCTACTACAACATTTGTGCTGAATCAAATAAATCATCTTC
CACCCCTGGGATCTACAATTGTAATGACTAAAACACCACCTGTAACAACCAACAGGCAAACCATCACTTT
AACTAAGTTTATCCAGACTACTGCAAGCACACGCCGTCAGTCTCAGCACCAACAGTACGAAATGCCATG
ACCTCTGCACCTTCAAAGACCAAGTTCAGCTTAAAGATCTACTGAAAAATAATAGTCTTAATGAACTGA
TAAAACAAAGCCACCTGCTAATATTGCTCAGCCAGTAGCAACAGCAGCTACTGATGTAAGCAATGGTAC
AGTAAAGAAAGAGTCTTCTAATAAAGAAGGAGCTAGAATGTGGATAAACGACATGAAATGAGGAGTTTT
TCCCAACCATGAAGTTCTGTGTAAGAAGATGATGAACCAGAGGAAGAAGATGAAGAAGAAATGG
GTCATGCAGAAACCTATGCAGAATACATGCCAATAAAATTAATAAATTGGCCTACGTCATCCAGATGCTGT
AGTGAAACCAGCTCTTATCCAGTGTACTCCTCCTGATGTTTGGTACAAAACATCCATTTCTGAGGAA
ACCATTGATAATGGCTGGTTATCAGCATTGAGCCTTGAGGCAATTACATATGCAGCCCAGCAACATGAAA
CTTTCCTACCTAATGGAGATCGTCTGGCTTCTAATAGGTGATGGTGCCGGTGTAGGAAAAGGAAGGAC
GATAGCAGGAATCATCTATGAAAATTTTGTGAGTAGAAAACGAGCATTGTGGTTTGTGTTTCAAAT
GACTTAAAGTATGATGCTGAAAGAGATTAAGGGATATTGGAGCAAAAAACATTTTGGTTCACTGTTAA
ATAAGTTTAAATACGAAAAATTTCTTCAAACATAATGGGAGTGTGAAAAAGGGTGTATTTTTGCTAC
TTACTCTTCACTTATTGGTGAAAGCCAGTCTGGCGGCAAGTATAAAACTAGGTTAAAAACAACCTTCTGCAT
TGGTGCGGTGATGACTTCGATGGAGTGATAGTGTGGATGAGTGCATAAAGCCAAAAACTTATGCTCTG
TTGGTTCTTCAAAGCCAACCAAGACAGGCTTAGCAGTTTTAGAGCTTCAGAACAAATTGCCAAAAGCCAG
AGTTGTTTATGCTAGTGAACCTGGTCTTCTGAACCACGCAACATGGCCTATATGAACCGTCTTGGCATA
TGGGGTGAGGGTACTCCATTTAGAGAATCAGTGATTTTATTCAAGCAGTAGAACGGAGAGGAGTTGGTG
CCATGAAATAGTTGCTATGGATATGAAGCTTAGAGGAATGTACATTGCTCGACAACGAGCTTTACTGG
AGTGACCTTCAAATGAGGAAGTCTTCTTTCTCAGAGCTACGTTAAATGTATAACAAAGCTGTCAAG
CTGTGGGTGATCGCCAGAGAGCGGTTTCAGCAAGCTGCAGATCTGATTGATGCTGAGCAACGAATGAAGA
AGTCCATGTGGGGTCAAGTCTGGTCTGCTCACCAGAGGTTCTTCAAATACTTATGCATAGCATCCAAAGT
TAAAAGGGTGTGCAACTAGCTCGAGAGGAAATCAAGAATGGAATAATGTGTTGTAATTGGTCTGCAGTCT
ACAGGAGAAGCTAGAACATTAGAAGCTTGAAGAGGGCGGGGAGAATTGAATGATTTTGTTCAACTG
CCAAAGGTGTGTTGCAGTCACTCATTGAAAAACATTTCTGCTCCAGACAGGAAAAAATTTATAGTTT
ACTAGGAATCGATTTGACAGCTCCAAGTAACAACAGTTCGCCAAGAGATAGTCTTGTAAAGAAAATAAA
ATAAAGAAGCGGAAAGGTGAAGAAATAACTCGAGAAGCAAAAAAGCACGAAAAGTAGGTGGCCTTACTG
GTAGCAGTCTGACGACAGTGAAGTGAATCTGATGCCTCTGATAATGAAGAAAGTACTATGAGAGCTC
TAAAAACATGAGTCTGGAGATGATGACGATTTCAACCCATTTTATAGTGTCTAATGAGGATGATGAA
AATGATCCCTGGTTAATTAGAAAAGACCACAAGAAAAACAAGAGAAAAAAAAAAAAAAAAAAAA
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**5' Read Nucleotide Sequence:**

>OriGene 5' read for BC030544 unedited  
 TTCGCATTTGTATACGACTCACTATAGCGGCNCGCAATTCGCACGAGGGACGCCGCTG  
 CTGCCGCCACCGCCGCTCCGCTCCAGTCGCCTCTGGTCTTCAAACCTCACACCTCC  
 CGGGAGGAGCTGTCTGGCGCCGGTCCCGCGGGGAAATGGTGGAGCCAGGGCAAGATT  
 TACTGCTTGCTGCTTTGAGTGAGAGTGAATTAGTCCGAATGACCTCTTTGATATTGATG  
 GTGGAGATGCAGGGCTTGCAACTCCAATGCCTACCCCGTCAGTTCAGCAGTCAGTGCCAC  
 TTAGTGCAATAGAACTAGGTTTGGAGACCGAAGCAGCAGTTCCTGTAAACAAGAACCAG  
 AGACTGTACCTACTCCAGCACTATTAAATGTGAGGCAGCAGCCTCCATCTACTACAACAT  
 TTGTGCTGAATCAAATAATCATCTTCCACCCTTGGGATCTACAATTGTATGACTAAAA  
 CACCACCTGTAACAACCAACAGGCAAACCATCACTTTAACTAAGTTTATCCAGACTACTG  
 CAAGCACACGCCCGTCAGTCTCAGCACCAACAGTACGAAATGCCATGACCTCTGCACCTT  
 CAAAAGACCAAGTTCAGCTTAAAGATCTACTGAAAAATAAGTCTTAATGAACTGATGA  
 AACTAAAGCCACCTGCTAATATTGCTCAGCCAGTAGCAACAGCAGCTACTGATGTAAGCA  
 ATGGTACAGTAAAGAAAGAGTCTTCTAATNAGAAGGAGCTAGAATGTGGGATAACGACAT  
 GAAGATGANGGAGTTTTCCCCACCATGAANGNTNNCTGTGTAAGAGAGATGATGAACC  
 ANAGGAGAAGATGAAGAAGAAATGGGTCAATGCAGAACTATGCAGATACATGCCATAAA  
 TAAAAATGGCCTCGTCTTCANAGCTGTATGAAACC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for BC030544 unedited  
 NGGTATTACTGNACCGCGCAATCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTT  
 TTCTGGGGCCTTTT  
 AAATAAACAGGGTTCATTTTACCCCCCCTAAACCCCTAAAAAGGGTTGAAAT  
 CGTCATCATCCCCAAACTCATTTTTTAAACCCCAAAACCCCTTCTTCATTATCAA  
 AGGCCTCAAATCCCTTCCCCTGGCGCCAAACTGCTCCCATTAAGGCCCCCTTTTCT  
 GGGCTTTTTGGGCTTCCAAGTTTTTCTTCCCCTTCCCCTCTTTATTTAATTTTCTT  
 AACAAGGACTATCTTTGGCAAAGTGTCTTACTTGGACCTGTCAAACCGATTCCAAAA  
 AACTAAAAAGTTTTTCCCGCCGGGACCAAGAAATGTTTTCAAGGAGGGACGGCCCC  
 CCCCTTGGCAGTTGAAACAAAATCTTTCATTTCCCCCCCCCCTTCCAAAGTTCAA  
 AGTTCAACCTTCCCGGAAACGGGAAACCAATTACAACCATTTTCCATTCTTGATTT  
 CCCCCGAGCAAGTTGCCACCCCTTTAACTTTGGAGCCACCCAAATTTTTAAAAA  
 ACCCTGGGGACCAAAACCAAACTGACCCCCAGGGACTTTTTCTTTCGTTGCCAACAA  
 CAATAAAATTTGCAGCTTGGTAAACCCCTTTTGGCAAAGACCCAGCTTGACACCTTT  
 GTTAAACTTTTTACCGTACCCCTAAAAAGAAACTTCCCAATTTTGAAGGGCACCCCA  
 GTAACCCCATTTGTCGGGCAAAGGAAATCCCCTTAAGCTTCAATCCCAAGACAC

**Restriction Sites:**

NotI-NotI

**ACCN:**

BC030544

**Insert Size:**

2750 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:**

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:** [BC030544.1](#), [AAH30544.1](#)

**RefSeq Size:** 2511 bp

**RefSeq ORF:** 2511 bp

**Locus ID:** 55206

**Cytogenetics:** 12q24.31