

Product datasheet for **SC319330**

BOP1 (NM_015201) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BOP1 (NM_015201) Human Untagged Clone
Tag:	Tag Free
Symbol:	BOP1
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_015201.3
 GCTGTGCGGGTGGCGCCGGCGCGCGGTGGGGCATGGCGGGTTCGCGGGGTGCGGGGCGC
 ACGGCGGCGCCGAGCGTGCAGCCGAGAAAGCGCGGTCTGAGCCCGAACTGGAGCCTGAG
 CCCGAGCCGGAGCCCCCTCTCTGCACCTCTCTCTCAGCCACAGCACCGGCAGCGAT
 TCTGGCGTCTCCGACAGCGAGGAGAGTGTGTTCTCAGGCTGGAAGATCCGGCAGTGAC
 AGCAGTGAGGATGATGACGAAGGCGACGAGGAGGAGAGGACGGAGCCCTTGATGACGAG
 GGCCACAGTGGGATTAAGAAAGACCACTGAGGAGCAGGTGCAGGCCAGCACTCTTGCCCG
 AGGACAGAGATGGCGAGCGCCCGATTGGGGATGAGTATGCGGAGGACAGCTCTGATGAG
 GAGGACATCCGGAACACGGTGGCAACGTGCCCTTGAGTGGTACGATGACTTCCCCCAC
 GTGGGCTACGACCTGGATGGCAGGCGCATCTACAAGCCCTGCGGACCCGGGATGAGCTG
 GACCAGTCTGGACAAGATGGACGATCCTGACTACTGGCGCACCGTGCAGGACCCGATG
 ACAGGGCGGGACCTGAGACTGACGGATGAGCAGGTGGCCCTGGTGCAGGCGGCTGCAGAGT
 GGCCAGTTTGGGATGTGGGCTCAACCCCTATGAGCCGGCTGTCGACTTCTCAGCGGG
 GACGTCATGATCCACCCGGTACCAACCCCGCCGCGACAAGCGCAGCTTATCCCTCC
 CTGGTGGAGAAGGAGAAGTCTCTCGCATGGTGCACGCCATCAAGATGGGCTGGATCCAG
 CCTCGCCGGCCCCGAGACCCACCCCACTTCTATGACCTGTGGGCCAGGAGGACCC
 AACGCCGTGCTCGGGCGCCACAAGATGCACGTACCTGCTCCCAAGCTGGCCCTGCCAGGC
 CACGCCGAGTCGTACAACCCACCCCTGAATACCTGCTCAGCGAGGAGGAGCGCTTGGCG
 TGGGAACAGCAGGAGCCAGGCGAGGAAAGCTGAGCTTTTGGCCACGCAAGTCCCGAGC
 CTGCGGGCCGTGCCTGCCTACGGACGCTTATCCAGGAACGCTTCGAGCGCTGCCTTGAC
 CTGTACCTGTGCCACGGCAGCGCAAGATGAGGGTGAATGTAGACCCTGAGGACCTCATC
 CCCAAGCTGCCTCGGCCGAGGACCTGCAGCCCTCCCCACGTGCCAGGCCCTGGTCTAC
 AGGGGCCACAGTGACCTTGTCCGGTGCCTCAGTGTCTCTCTGGGGGCCAGTGGTGGTT
 TCAGGCTCTGACGACGGCTCCCTGCGGCTCTGGGAGGTGCCACTGCCCGCTGTGTGAGG
 ACTGTTCCCGTGGGGGGCGTGGTGAAGAGTGTGGCCTGGAACCCAGCCCGCTGTCTGC
 CTGGTGGCTGCAGCCGTGGAGGACTCGGTGCTGCTGCTGAACCCAGCTCTGGGGACCGG
 CTGGTGGCGGGCAGCACAGATCAGCTGTTGAGCGCCTTCGTCCCGCTGAGGAGCCCCC
 TTGACGCCGGCCCGTGGCTGGAGGCTCAGAGGAGGAGCGCCAAGTGGGCTGCGGCTG
 CGCATCTGCCACGGGAAGCCAGTGACGCAGGTGACCTGGCACGGGCGTGGGGACTACCTG
 GCCGTGGTGTGGCCACCAAGGCCACACCCAGGTGCTGATTACCAGCTGAGCCGTCGC
 CGCAGCCAGAGTCCGTTCCGCCGAGCCACGGACAGGTGCAGCGAGTGGCCTTCCACCT
 GCCCGGCCCTTCTGTTGGTGGCGTCCCAGCGCAGCGTCCGCCTTACCACCTGTGCGC
 CAGGAGCTACCAAGAAGCTGATGCCAACTGCAAGTGGGTGTCCAGCCTGGCGGTGCAC
 CCTGCAGGTGACAACGTCTGTGGGAGCTACGATAGCAAGCTGGTGTGGTTTGACCTG
 GATCTTTCCACCAAGCCATACAGGATGCTGAGACACCACAAGAAGGCTCTGCGGGCTGTG
 GCCTTCCACCCGCGGTACCCACTCTTTCGCTCAGGCTCGGACGACGGCAGTGTATCGTC
 TGCCATGGCATGGTGTACAATGACCTTCTGCAGAACCCCTTGCTGGTGGCCGTCAGGGT
 CTGAAGGGACACGTGCTGACCCGAGATCTGGGAGTGTGGACGTCTTCCACCCACCC
 CAGCCGTGGGTCTTCTCTCGGGGGCAGACGGGACTGTCCGCCTTTCACCTAGCTGTTT
 TGCTGCCTGGGCTGGGGTGGTGTGCTGAAGTCAACAGAGCCTTTACCCTGTGCAAAA
 AA

Restriction Sites: Please inquire

ACCN: NM_015201

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:	<u>NM_015201.3</u> , <u>NP_056016.1</u>
RefSeq Size:	2422 bp
RefSeq ORF:	2241 bp
Locus ID:	23246
UniProt ID:	<u>Q14137</u>
Cytogenetics:	8q24.3
Domains:	WD40
Gene Summary:	Component of the PeBoW complex, which is required for maturation of 28S and 5.8S ribosomal RNAs and formation of the 60S ribosome.[UniProtKB/Swiss-Prot Function]