

Product datasheet for **SC328077**

TOPBP1 (NM_007027) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TOPBP1 (NM_007027) Human Untagged Clone
Tag:	Tag Free
Symbol:	TOPBP1
Synonyms:	Dpb11; TOP2BP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007027, the custom clone sequence may differ by one or more nucleotides

```

ATGTCCAGAAATGACAAAGAACCGTTTTTTGTGAAGTTTTTAAAGCTTCAGACAATTCC
AAATGTTTTTTTTAAAGCTCTCGAGTCCATAAAAAGAATTCCAATCAGAAGAATATCTTCAG
ATTATTACAGAAGAAGAGGCATTGAAGATAAAGGAGAATGATAGATCACTTTATATCTGT
GACCCTTTTAGTGGCGTTGTCTTTGATCACCTCAAAAAGCTTGGCTGCAGAATTGTTGGT
CCTCAAGTAGTCATATTTTGTATGCACCACCAGCGATGTGTCCCAAGAGCCGAACATCCA
GTTTATAATATGGTTATGTCTGATGTAACCATATCTTGTACAAGTCTGGAAAAAGAAAA
AGGGAAGAAGTTCATAAATATGTACAAATGATGGGCGGACGAGTACAGAGACCTTAAT
GTATCAGTAACTCACCTTATTGCAGGAGAAGTTGGTAGCAAAAAATATTTAGTTGCTGCA
AACCTGAAGAAACCTATTTTGCCTCCTTGGATAAAAAACACTTTGGGAGAAGTCACAA
GAGAAAAAAATAACTAGATATACTGATATAAACATGGAAGATTTCAAGTGCCTATTTTT
CTTGGTTGCATAATCTGTGTGACTGGCTTATGTGGCTTAGACAGGAAAAGAAGTTCAGCAA
CTCACAGTTAAGCATGGAGGTCAATACATGGGACAATTGAAAAATGAATGAATGTACACAC
CTCATTGTGCAAGAACCAAAAAGGTGAGAAGTATGAGTGTGCCAAGAGATGGAATGTACAC
TGTGTGACCACACAGTGGTTTTTTGACAGTATTGAGAAAGTTTTTGTGTCAGGATGAATCC
ATATAAAGACAGAACCTAGACCAGAAGCAAAGACTATGCCCAATTCTTCAACTCCTACC
AGCCAGATCAACACAATTGATAGTCGTAATCAATATGTAATCACTTAACAGCAAAGTGGAGCCTACA
AATGCAAGTTGCGTAAGTGAATCAATATGTAATCACTTAACAGCAAAGTGGAGCCTACA
CTTGAAAAATCTAGAAAAATCTGGATGTCAGTGCATTTCAAGCACCTGAAGATTTATTAGAT
GGTTGTGCGGATATATCTTTGCGGTTTTAGTGGCAGAAAGCTAGATAAACTGAGAAGACTT
ATTAACAGTGGAGGTGGAGTTCGTTTTAACCAGCTAAATGAAGATGTAAGTCACTGTTATT
GTGGGAGATTATGATGATGAATTGAAGCAGTTTTGGAATAAATCAGCCCACAGGCCTCAT
GTAGTGGGAGCAAAGTGGTTGCTAGAGTGTTCAGTAAAGTTATATGCTTTCTGAAGAA
CCATATATCCATGCTAATTACCAGCCAGTGGAAATTCAGTTTCACATAAGCCTGAAAGT
AAAGCAGCTCTTTTAAAAAAGAAGAACAGCAGCTTCTCTAAGAAAGACTTTGCTCCTAGT
GAAAAGCATGAGCAAGCTGATGAAGATCTGCTCTCTCAATATGAAATGGTAGCTCCACA

```



[View online »](#)

GTAGTTGAGGCTAAGACGTCTGAAGCCAGGCCCTTTAATGATTCTACTCATGCTGAGCCC
TTGAATGATTCTACTCACATTTCTTTGCAAGAAGAAAACCAAGTCTTCTGTGAGCATTGT
GTCCCTGATGTTTCTACAATTACTGAAGAAGGCTTATTTAGCCAAAAGAGTTTCTTGT
TTGGGTTTTAGTAATGAAAATGAATCTAACATCGCAAACATCATAAAAGAAAATGCTGGG
AAAATCATGTCCCTTCTGAGCAGAACTGTTGCGGATTATGCTGTGGTTCCCTCTGCTGGG
TGTGAAGTGAAGCCACTGTGGGAGAAGTTGTTACAAATACATGGCTGGTACTTGCCATA
GACTACTCAGACTTTGTTGATCCAAAAGTGAATCCTCTCTTACACCAGTCCAGTAATG
ACAGGAATGACTCCTTTAGAGGATTGTGTTATTTCAATTTAGCCAGTGTGCTGGAGCAGAA
AAAGAGTCTTTAACATTCTAGCAAACCTCCTTGAGCAAGTGTCAAGAATACTTTGTT
CGCAAATCCAATGCAAAGAAAGGCATGTTTGCCAGTACTCATCTTATACTGAAAGAACGT
GGTGGCTCTAAATATGAAGCTGCAAAGAAGTGAATTTACCTGCCGTTACTATAGCTTGG
CTGTTGGAGACTGCTAGAACGGGAAAGAGAGCAGACGAAAGCCATTTTCTGATTGAAAAT
TCAACTAAAGAAGAACGAAGTTTGGAAACAGAAAATAACAAATGGAATCAATCTAAATTCA
GATACTGCAGAGCATCCTGGCACACGCCTGCAAACCTCACAGAAAACCGTCGTTACACCT
TTAGATATGAACCGCTTTCAGAGTAAAGCTTTCGGTGTGCTGGTCTCACAAACATGCCAGA
CAGGTCGACGCCTCCCCAGCAGTAGGACAACCACTTCAGAAGGAGCCCTCGTTACACCTG
GATACACCATCAAAATCCTGTCCAAGGACAACTCTTCAAGCCTTCTTTGATGTGAAG
GATGCACTTGACGCTTGAAAACCTCCAGGACGTCCAGCCAACAGAAAAGGAAACCGAGT
ACGCCACTCTCAGAAGTATTGTCAAAAACCTGCAACTTGCTTTGGCAAAATAGCTCTCGA
AATGCTGTGCTCTTTCTGCCAGCCCTCAACTGAAAGAGGCCAGTCAGAGAAGGAAGAA
GCCCCAAAGCCACTTCACAAAGTAGTGGTATGTGTTAGTAAAAACTCAGTAAGAAGCAG
AGTGAACTAAATGGGATCGCAGCCTCTCTAGGAGCAGATTACAGGTGGAGTTTGTGATGAA
ACAGTACTCATTTTCACTATCAAGGGCGGCAAAATGACACTAATCGGGAGTATAAATCT
GTAAAAGAAAGAGGAGTACACATTTGTTTCCGAGCACTGGCTTTTAGATTGTGCCCAAGAG
TGTAACATCTTCTGAATCTCTTTATCCACATACTTATAATCCCAAAATGAGCTTGGAT
ATCAGCGCAGTGAAGATGGCCGGCTCTGTAATAGTCGACTACTCTCAGCTGTGCTTCA
ACAAAGGATGATGAGCCAGATCCTTTGATTTTGAAGAAAATGATGTAGACAATATGGCC
ACCAATAATAAGAGTCAGCACCATCAAATGGAAGTGGAAAGAATGACTCTAAAGGAGTT
CTGACACAGACCTTAGAGATGAGAGAGAAGTTCAGAAGCAGTTACAGGAGATAATGTCT
GCAACATCAATAGTGAACCCCAAGGGCAGAGGACTTCCCTTTCAGAAGTGGTTGTAAC
AGCGCATCTTCAACCCCTGACAGCACTCGCTCTGCTCGCAGTGGACGAAGTAGAGTCTTA
GAGGCACTGAGGCACTCGTCAAGCAGTACCTGATGTAACACAGAGCCTTCCCAAAAT
GAACAGATCATTTGGGATGACCCCTACAGCAAGGGAGGAGAGCAAGGCTTGCCAGCAAT
TTGCAGTGGCCTAGTTGTCCACACAATACTCTGAGCTTCAAGTTGACATTCAAAACTTG
GAGGATTTCTTTTTCAAAGCCTTTACATGATTGAGAAATGCTAAACAGGCTGTCTGT
GATCCTGGAAACATACGTGTGACTGAAGCTCCCAACACCCAATCTCTGAAGAAGTGGAA
ACTCCCAAAAAGACAGCCACCTGATCCCTACGCCTCAAGCCCCAGTATTGCCTTTCCA
CTCGCAACCCCTGTGGCTCCGCACCCTAGAGAAAAGATTATAACGATAGAGGAGACT
CATGAAGAATTAATAAACAGTACATATTTAGTTATCATCTCTGAATCCTCAAGAAGCT
ATTGACTATTGTCTGATTGAGAAACTAGGTGGATTGGTATAGAAAAGCAGTCTTT
GATCCACCTGTACACACATTGTTGTGGGACATCCACTTCGAAACGAGAAGTATTAGCC
TCAGTGGCAGCTGGGAAGTGGTGTCTTCACTGCTCCTACCTTGAAGCCTGCAGGACTGCT
GGACACTTCGTGCAGGAAGAAGACTATGAATGGGGAAGTAGTTCCATACTTGATGTTCTG
ACTGGAATCAATGTACAGCAACGAAGACTAGCACTTGCAGCAATGAGATGGAGAAAAAA
ATCCAGCAAAGACAAGAATCTGGCATTGTTGAGGGAGCATTAGTGGGTGAAGGTTATT
TTACATGTGGATCAGTCTCGAGAAGCAGGCTTCAAACGCCTTCTTCAAGTCAAGGAGCA
AAGGTGCTACCTGGTCTTCTGTACCTTTATTTAAAGAGGCCACACATCTTTTTTCTGAC
TTGAATAAACTGAAACCAGATGACTCAGGAGTTAATATAGCAGAAGCTGCTGCCAGAAC
GTGACTGCTTGAGAACAGAATACATTGCTGATTATCTCATGCAGGAATCACCTCCTCAT
GTAGAAAATTAAGTCTACCAGAAGCTATTTTCAATTTTCAAGAATAATAAGGAAGTGGG
ACTGGATTATCACAAAAGAGGAAAGCTCCTACAGAAAAAATAAAATCAAACGACCTAGA
GTACAC

Restriction Sites:	Please inquire
ACCN:	NM_007027
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_007027.3 , NP_008958.2
RefSeq Size:	5378 bp
RefSeq ORF:	4569 bp
Locus ID:	11073
UniProt ID:	Q92547
Cytogenetics:	3q22.1
Domains:	BRCT
Gene Summary:	<p>This gene encodes a binding protein which interacts with the C-terminal region of topoisomerase II beta. This interaction suggests a supportive role for this protein in the catalytic reactions of topoisomerase II beta through transient breakages of DNA strands. [provided by RefSeq, Jul 2008]</p>