

## Product datasheet for **SC304491**

### BTG4 (NM\_017589) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BTG4 (NM_017589) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTG4
Synonyms:	APRO3; OOMD8; PC3B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304491 representing NM_017589. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**  
 ATGAGAGATGAAATTGCAACAACAGTTTTCTTTGTCAAGATTGGTGAAAAACATGATAAACTAAGT  
 AAACAGCAAATAGAAGACTTTGCAGAAAAGCTGATGACGATCTTGTTGAAACATACAGAAGTCACTGG  
 CACTCTGATTGCCCTTCTAAAGGGCAAGCCTTCAGGTGCATCAGGATAAACAACATCAGAATAAAGAT  
 CCCATTCTAGAAAGGGCATGTGTGGAAAGTAATGTAGATTTTTCTCACCTGGGACTTCCGAAGGAGATG  
 ACCATATGGGTAGATCCCTTTGAAGTATGCTGTAGGTATGGTGAGAAAAACCATCCATTTACAGTTGCT  
 TCTTTTAAAGGCAGATGGGAGGAATGGGAACATATCAACAAATCAGTTATGCCGTTAGTAGAGCCTCA  
 TCAGACGTTTCTCTGGCACTTCTGCGATGAAGAAAGTTGTAGCAAGGAACCTCGTGTCATTCTCTAAA  
 GTCAGCAATCCGAAGAGTATTTATCAGGTTGAAAACCTGAAACAGCCCTTTCAATCTTGGTTACAAATC  
 CCCCAGAAAAAGAATGTGGTGGACGGCGGTGTTGGCCTCTGGGAAACACTTACCATGGCTCGCAGAAAG  
 CATCCTAAGTGTTACAGGCCTGCTATGCACCGGCTGGACAGAATTTTA**TAA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_017589
Insert Size:	672 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).


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<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_017589.3</a>
<b>RefSeq Size:</b>	1015 bp
<b>RefSeq ORF:</b>	672 bp
<b>Locus ID:</b>	54766
<b>UniProt ID:</b>	<a href="#">Q9NY30</a>
<b>Cytogenetics:</b>	11q23.1
<b>MW:</b>	26 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a member of the BTG/Tob family. This family has structurally related proteins that appear to have antiproliferative properties. This encoded protein can induce G1 arrest in the cell cycle. [provided by RefSeq, Jul 2008]