

## Product datasheet for RC229727

### BAG1 (NM\_001172415) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: BAG1 (NM\_001172415) Human Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: BAG1  
 Synonyms: BAG-1; HAP; RAP46  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RC229727 representing NM\_001172415  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

CTGGCTCAGCGCGGGGGGCGCGGAGACCGCGAGGCGACCGGGAGCGGCTGGGTCCCGGCTGCGCGCCC  
 TTCGGCCAGGCCGGGAGCCGCGCCAGTCGGAGCCCCGGCCAGCGTGGTCCGCCTCCCTCTCGGCGTCC  
 ACCTGCCCGGAGTACTGCCAGCGGGCATGACCGACCCACCAGGGGCGCCGCCCGGCGCTCGCAGGCCG  
 CGGATGAAGAAGAAAACCCGGCGCCGCTCGACCCGGAGCGAGGAGTTGACCCGGAGCGAGGAGTTGACCC  
 TGAGTGAGGAAGCGACCTGGAGTGAAGAGGCGACCCAGAGTGAGGAGGCGACCCAGGGCGAAGAGATGAA  
 TCGGAGCCAGGAGGTGACCCGGGACGAGGAGTCGACCCGGAGCGAGGAGGTGACCAGGGAGGAAATGGCG  
 GCAGCTGGGCTCACCGTGACTGTCACCCACAGCAATGAGAAGCACGACCTTCATGTTACCTCCAGCAGG  
 GCAGCAGTGAACCAGTTGTCCAAGACCTGGCCAGGTTGTTGAAGAGGTGATAGGGTTCCACAGTCTTT  
 TCAGAACTCATATTTAAGGGAAAATCTCTGAAGGAAATGGAAACACCGTTGTGACACTTGAATACAA  
 GATGGTTGCCGGTTCATGTTAATTGGGAAAAAGAACAGTCCACAGGAAGAGGTTGAACTAAAGAAGTTGA  
 AACATTTGGAGAAGTCTGTGGAGAAGATAGCTGACCAGCTGGAAGAGTTGAATAAAGAGCTTACTGGAAT  
 CCAGCAGGGTTTTCTGCCAAGGATTTGCAAGCTGAAGCTCTGCAAACTTGATAGGAGAGTAAAAGCC  
 ACAATAGAGCAGTTTATGAAGATCTTGGAGGAGATTGACACACTGATCCTGCCAGAAAATTTCAAAGACA  
 GTAGATTGAAAAGGAAAGGCTTGGTAAAAAGGTTGAGGATTCTAGCCGAGTGTGACACAGTGGAGCA  
 GAACATCTGCCAGGAGACTGAGCGGCTGCAGTCTACAACTTTGCCCTGGCCGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001172415.1</a> , <a href="#">NP_001165886.1</a>
<b>RefSeq Size:</b>	3885 bp
<b>RefSeq ORF:</b>	693 bp
<b>Locus ID:</b>	573
<b>UniProt ID:</b>	<a href="#">Q99933</a>
<b>Cytogenetics:</b>	9p13.3
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	38.9 kDa
<b>Gene Summary:</b>	The oncogene BCL2 is a membrane protein that blocks a step in a pathway leading to apoptosis or programmed cell death. The protein encoded by this gene binds to BCL2 and is referred to as BCL2-associated athanogene. It enhances the anti-apoptotic effects of BCL2 and represents a link between growth factor receptors and anti-apoptotic mechanisms. Multiple protein isoforms are encoded by this mRNA through the use of a non-AUG (CUG) initiation codon, and three alternative downstream AUG initiation codons. A related pseudogene has been defined on chromosome X. [provided by RefSeq, Feb 2010]