

Product datasheet for **SC207066**

Silencer of Death Domain (BAG4) (NM_004874) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Silencer of Death Domain (BAG4) (NM_004874) Human 3' UTR Clone
Symbol:	Silencer of Death Domain
Synonyms:	BAG-4; SODD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004874
Insert Size:	2000 bp



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Insert Sequence: >SC207066 3'UTR clone of NM_004874
 The sequence shown below is from the reference sequence of NM_004874. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGAAAAATTAGAAAAAAGGATTATGAAGGATTTAGAACAAAGTGAAGCCTGTTACTAAGTGA
CCAAAGAACACTTGATTTGGTTAATTACCTCTTTTTGAAATGCCTGTTGATGACAAGAAGCAATACAT
TCCAGCTTTCCTTTGATTTTATACTTGA AAAACTGGCAAAGGAATGGAAGAATATTTTAGTCATGAGTT
GTTTTAGTTTTAGACGAATGAATGTAATAGGAACTATGGAGTTACCAATATTGCCAAGTAGACTCA
CTCCTTAAAAATTTATGGATATCTACAAGCTGCTTCTTACCAGCAGGAGGGAAACACTTCACACAA
CAGGCTTATCAGAAACCTACCAGATGAACTGGATATAATCTGAGACAAACAGGATGTGTTTTTTAAA
CATCTGGATATCTGTACATTTTTGTACATTGTGACTGCTTCAACATATACTTCATGTGTAATTATA
GCTTAGACTTTAGCCTTCTGGACTTCTGTTTTGTTTTGTTATTTGCAGTTTACAATATAGTATTATT
CTCTACTTCTTGGTACATTTTGTAGTAATATGTTAATAATAATTCAAGAGACTATATTGACAGCCA
GATAGTATGGCAGTTCTGAAAAATTTATATCTTTTACCACCTTGAATATACTGCAATGTGTAGTGAGT
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AATTAAGTCTAGAAGGGGAGGACCTTAAAGCTAAGCTACCAGTAAGCAATGAATAATTCAGAAGA
GAACACTATTCTTTACTGACTGAGTGCCCAAGATGCCAATTTCCATGAAGTCTTGATTTATATATAG
TACACATGTTATGCACATACATGTTTGTCTTAAACAGTTATTTTTTAAAGCTTTTGGATAATTTTAGA
CTTACAGAAGAGTTGTAAGTAGTAGAGTTCTTGTATACTCTGCACCCACCTTGCCTTATGTTAAC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004874.4](#)

Summary:

The protein encoded by this gene is a member of the BAG1-related protein family. BAG1 is an anti-apoptotic protein that functions through interactions with a variety of cell apoptosis and growth related proteins including BCL-2, Raf-protein kinase, steroid hormone receptors, growth factor receptors and members of the heat shock protein 70 kDa family. This protein contains a BAG domain near the C-terminus, which could bind and inhibit the chaperone activity of Hsc70/Hsp70. This protein was found to be associated with the death domain of tumor necrosis factor receptor type 1 (TNF-R1) and death receptor-3 (DR3), and thereby negatively regulates downstream cell death signaling. The regulatory role of this protein in cell death was demonstrated in epithelial cells which undergo apoptosis while integrin mediated matrix contacts are lost. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Mar 2011]

Locus ID:

9530

MW:

78.8