

## Product datasheet for **SC215508**

### **BAIAP2 (NM\_001144888) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	BAIAP2 (NM_001144888) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BAIAP2
Synonyms:	BAP2; FLAF3; IRSP53; WAML
ACCN:	NM_001144888
Insert Size:	1625 bp



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**Insert Sequence:** >SC215508 3'UTR clone of NM\_001144888  
 The sequence shown below is from the reference sequence of NM\_001144888. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACGACAGGTCTGCCCCCTCCTCAGCTGATGGCCACATCTGCAGTGTGCCCATCTGGTGGCTTCCCC
CGCCCTTCCCATGTAGCCTGTTCTGTATCATCTGTGCGTTCTGTGTAGAGAACATCCAGGCCCGGGC
TGCCCTGGTCTTGGCCACTTGAGTCTGGCCTGGACTGGATCCCAGCTGTTCTAGGCAGGGCCGGGAGAG
GTGGGGCGCAGGCCCTGAAGGGCGAGACCCAGTGGCTGGGCTGCCAGGGCTGAGGGGCCCGCTTTG
AGGGTACACGCCTCTGGTACATGGCCATGGAGCCTTGGGTACCCTGAGTTAAGGGAGGACATTTGGC
CAGCTGGTGGCTGGGAGGGGAGCCTGGCTGCCCTGCTGCTTCTCCTGCCTAATAAACAGGCTTCTCCTG
CACCAGGTGTGATCTGTCCGCCAAGGGCCAGAAGGCCGGGAGCACGGGGATGGGAGCGCCCGCACCT
GGCTGGAAGATGAACTTCCCGTAAGCACGTAATCCCTGCAGTCCGGCAGCTACACCTGGAGTGTGGG
GCCTGGTCCCTCCCATGCCCTCGGTGGGGCTCTCCTGGGCCCTCACTCCCACTGGCAATGTCACAA
GGGCTCCCGAGGCCCTCCTGCCTCGGCAGGCCCCAGCCCTCCTCCTTACCCAACCTCCCATCCAGA
ACCTTGCTGCCAGGGCTCCAGCTCGCTCCTGCGGCCAAGGCCAGCTGTAGGTGCTATGCGGGGTC
ACCAGCAGAGTGGCCGCTGGCAGGTGGGGGCTTCCCGCTTCCGGGGTCTGCCCGAGACTCCTGGGTG
GACCTCCCCCCCCACCTCCGCTGACTCCTGCAGGCACTGGGGAGCTCTGCTGGAATGGGGGTTTTAA
AACTTCATTAGCAGATTTGTGCTCTTCCATACTGTTTGTGTTGTTGTTAGGTGAAATACAGTGTGGTGA
GCTGCACTGGTGACAACAGCCCTTACCTGGCTGGGGAGGTGTCTCCAGCAGAGCTCACTCCCGCCTACA
GCCACTCACACCCCGGGGACAGGAAGCTGTAGAGTTGGCGGGCCAGGAGGGCAGTTGAGAGCTGGCCAG
CGGAGGGTGCAGGGAAGCCAGCTGTGCTCAACTCCTCCTCCGCTTCCACCCTGGGCCAGGGAC
AGACAGACATTGCCCTCAGAAGGGCAGGGAGGAGGCTGTCTGGAGAGGCTGTAGGTCCATTCTTAC
CCGTCCCTACCAGGCCAACTCGGCCTGCAGGAAGGGAGACCTGCAGGGCGCTACCCTGCGCCCCACACA
CACAGTAGGGCCAGAACCATCCCTCCACCGGGGTGTGCCGAGGACAGTGGGGAGGAGAGGAGAGGG
GCAGCTTCTCCTGGCCCCAGGAAGGGCTGGCATCGGGTCTCCTGGCACAGCCCTCCTGTCCAGGACTT
TATCATCGGCAGACCTCAGAAGACAACACAAAAGTTTCTTTTGTCTTAGCTTCATTTCTTAAAAA
ACAAGGAACAAGAAAACATTGCACCAGCGTTCTAAGCCTCAAACAAAACAAAAACAATCCCCCTGGC
AAGCAACAATAAACTTTACATCTCTTTGGCAACAATAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**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\\_001144888.2](#)

**Summary:**

The protein encoded by this gene has been identified as a brain-specific angiogenesis inhibitor (BAI1)-binding protein. This adaptor protein links membrane bound G-proteins to cytoplasmic effector proteins. This protein functions as an insulin receptor tyrosine kinase substrate and suggests a role for insulin in the central nervous system. It also associates with a downstream effector of Rho small G proteins, which is associated with the formation of stress fibers and cytokinesis. This protein is involved in lamellipodia and filopodia formation in motile cells and may affect neuronal growth-cone guidance. This protein has also been identified as interacting with the dentatorubral-pallidoluysian atrophy gene, which is associated with an autosomal dominant neurodegenerative disease. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Jan 2009]

**Locus ID:**

10458

**MW:**

58.4