

Product datasheet for **SC212628**

BAIAP2 (NM_017451) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BAIAP2 (NM_017451) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BAIAP2
Synonyms: BAP2; FLAF3; IRSP53; WAML
ACCN: NM_017451
Insert Size: 1159 bp
Insert Sequence: >SC212628 3'UTR clone of NM_017451
The sequence shown below is from the reference sequence of NM_017451. 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
GGGAGCGCCCGCACCCCTGGCTGGAAGATGAACTTCCCGTAAGCACGTAATCCCTGCAGGTCGGGCAGC
TACACCTGGAGTGTGGGGCTGGTCCCTCCCCATGCCCCTCGGTGGGGCTCTCTGGGCCCTCACTCC
CACTGGCAATGTACAAGGGCCTCCCCAGGCCCTCCTGCTCGGGCAGGCCCCAGCCCTCCTCCTTAC
CCAACCTCCCATCCAGAACCCTTGCTGCCAGGGCCTCCAGCTCGTCTCCTGCGGCCAAAGGCCAGTGTC
AGGTGCTATGCGGGGTCACCAGCAGAGTGCCCGCTGGCAGGTGGGGGCTTCCCGCTTCCGGGGTCTGC
CCCAGGACTCCTGGGTGGACCTCCCCCCCCACCTCCGCTGACTCCTGCAGGCACTGGGGAGCTCTGCT
GGAATTGGGGTTTTAAACTTTCATTAGCAGATTTGTGCTTCCATACTGTTTGTGTTTGTAGGT
GAAATACAGTGTGGTGAGCTGCACTGGTGACAACAGCCCTTACCTGGCTGGGGAGGTGTCTCCAGCAGA
GCTCACTCCCGCTACAGCCACTCACACCCGGGGACAGGAAGCTGTAGAGTTGGCGGGCCAGGAGGGC
AGTTGAGAGCTGGCCAGCGGAGGGTGCAGGGAAGCCAGCTGTGCTCAACTCTCCTCGCTCCGCCTTCC
ACCTGGGCCAGGGACAGACAGACATTGCCCTCAGAAGGGCAGGGAGGAGGCTGTCTGGAGAGGCCT
GTAGGTCCATTCTTACCCGTCCCTACCAAGCCAACTCGGCTGCAGGAAGGGAGACCTGCAGGGCGCT
ACCCCTGCGCCCCACACACAGTAGGGCCAGAACCATCCCCTCCACCGGGGTGTGCCGAGGACAGTG
GGGAGGAGAGGAGAGGGGCGAGCTTCTCCTGGCCCCAGGAAGGGCTGGCATCGGGTTCTGGCACAGCC
CCTCCTGTCCAGGACTTTATCATCGGCAGACCTCAGAAGACAACACAAAGGTTTCTTTGTCTTAGC
TTCATTTCTCTTAAAAACAAGGAACAAGAAAACATTGCACCAGCGTTCTAAGCCTCAAACAAAACACA
AAACAAATCCCCCTGCGAAGCAACAATAAACTTTACATCTCTTTGGCAACAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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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:	<u>NM_017451.3</u>
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:	41.1