

Product datasheet for **SC215020**

BAIAP2 (NM_017450) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BAIAP2 (NM_017450) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BAIAP2
Synonyms:	BAP2; FLAF3; IRSP53; WAML
ACCN:	NM_017450
Insert Size:	1545 bp



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Insert Sequence: >SC215020 3'UTR clone of NM_017450
 The sequence shown below is from the reference sequence of NM_017450. 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
GGCAGCGGCACGCTGGTGTCCACAGTGTGAGGACGCTGACCCCGGCAGCCGCTGCTCTGAAGAGCTTC
CGCGCCTTCCCCCTGGTCTCGTCCGTTTTCTCCTCAGCTCTCGTGGTTTGTCTTGGGTTGTTTTTC
TTTTCCACCTGCCCATGCCTTTTGGTTGGTGACCCAGACTCTGTGATCCCCAGGGTCCATGGTGTCT
GCTCCATCGCCCCCTCCCCTGTGTTACGCGCCCCATCCTGTGTGTCCAGCCTTTTGGAGAGAAA
CTGCCAGGCAGGACCTGCTGGGCCGTGCGGGGCACCTCGGCCTCACCCTGCAGTGTCTGTGGCACTCA
CTGCTTTTCTAAGGCTCGCCGTGAGCCAGGTCTAAAGTTGAAGAAAAAGAAAAATCTTAAAAA
AAAAAAAAAAAAAAAAAGAAAAAAGAAAAACAGAAAAAGGACTTTTTTTTTCTGAAAAACAAAAACCGAT
CTGCATGGACTCCGGTGTGCGCTGTTATCTCGCATCCGACTTCCCGGTGCGATGGCCTCTGTCCGGAC
AGGGAAGGTGCTGGGGTCCCTGGCCGCCCGGCCCTGTGGAGGGGTGCACAGAGAAAGGGGGCTCGTG
CCAAGCTCGAGGGGCTCCTGAGGAAGCCGGCCGCTCCTGTGAGGGAGGCCGGGGCCGGGCACTGAGG
GCTTCTCCCTCTGGACACTGCGGGCCAGGTGTACATAGAGCAGCGCGCACAGTGGCCTCACCTCCCGT
CGGGCACTGGCGGGAGCAAGGTGCGGGGCGAGGCGCTGCCAGCTGGCCGCACACGGACATTTCAAAGAC
CTCCAGAGACCACCCACCCACATTCCTTTGACCAGCCTTGTGAGGGCATCGATGCTGCCCGGGCT
ACCTGGCTGCTCTGGGCAGGGTGTGCGGGCCGGGCCCGGCTGGGGAGGGGAGCTCTGGGCACGCCGCA
CCCACGCCCCACCTGGGGGAAACAGGCGGTTCTGCCCGGTTCTTCTAAACGCTCTCGTCTTTTTTG
TGTGCTTGGTGACTTTAGAAACAAACACAGTGGACTCAGTGGCTACTGGTATTGTCTTCCACACT
GAACTCTGGGGAATTGAGTGCAGGGCACAGCCCGCTCAGCCTGCCCGCTGGTGGGAGCCCTGGGAAG
CTGCGGGCTCCTTTATCTGATGTGGTTTGTGAAAAGCCTCCACACACCTCCCGTGGCCTGGGACGT
GGCTGGTAGTGTGTGGGAAGCAGCTCAAGACGCGGACCGGTGACATTAAGGAGAGCTCAAGGGC
GGACCGGGCCCTGTGTAGAGACCCTTCCGCGCCGGCGTCCCGCTCCGCTAAAGATTTCAAATCCAGGG
GATTCCATGCTCAATGGATGAATGTAGACAAAAACAGCAACTTGTATGAAGATGAAAGTGTGAA
CATATTTTTTCTGTTTCTTTCTTTTTTTTTAAAAAATCTGAATTGTGCCTGTACTGCAGTACTT
GTTTGAATAAAAAGTTTTATTATTGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_017450.3](#)

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: 55.4