

Product datasheet for **RC231468**

BAIAP3 (NM_001199099) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAIAP3 (NM_001199099) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BAIAP3
Synonyms:	BAP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC231468 representing NM_001199099 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

ATGTCGACCTTGCTGGACATTAAGAGCAGCGTGCTCAGGCAGGTGCAGGTGTGCCGTCTTCCGCCGA
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Protein Sequence: >RC231468 representing NM_001199099
 Red=Cloning site Green=Tags(s)

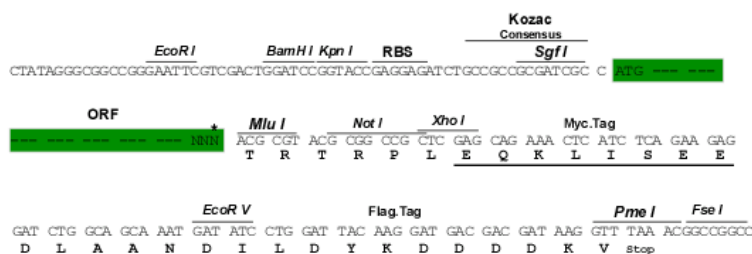
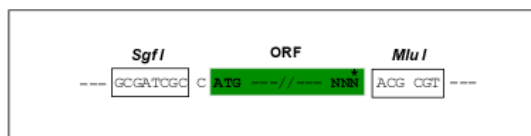
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LRL EHS AE EPNSSSWRGELSTPAATILCLHGAQSNL SPLQLAVLHWQVSSRHHQTCTLDYSYLLGLEDM
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CPFES E LNM D I A A A L K R G N R E W Y D R I L N D K S P R E Q P G P Q R L P G L V V L A D A Y Y D L Q F C Y S V Y A S L F H S I L
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Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



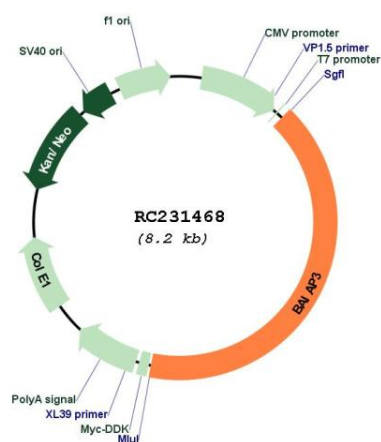
* The last codon before the Stop codon of the ORF

ACCN: NM_001199099

ORF Size: 3372 bp

OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001199099.2
RefSeq ORF:	3375 bp
Locus ID:	8938
UniProt ID:	O94812
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome
MW:	125.6 kDa
Gene Summary:	This p53-target gene encodes a brain-specific angiogenesis inhibitor. The protein is a seven-span transmembrane protein and a member of the secretin receptor family. It interacts with the cytoplasmic region of brain-specific angiogenesis inhibitor 1. This protein also contains two C2 domains, which are often found in proteins involved in signal transduction or membrane trafficking. Its expression pattern and similarity to other proteins suggest that it may be involved in synaptic functions. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]

Product images:



Circular map for RC231468