

Product datasheet for RC231468L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

BAIAP3 (NM_001199099) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BAIAP3 (NM_001199099) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: BAIAP3
Synonyms: BAP3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

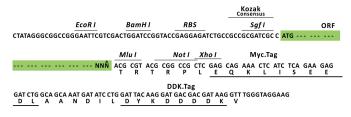
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC231468).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001199099

ORF Size: 3372 bp





BAIAP3 (NM_001199099) Human Tagged Lenti ORF Clone - RC231468L3

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.

RefSeq: <u>NM 001199099.1</u>

 RefSeq ORF:
 3375 bp

 Locus ID:
 8938

 UniProt ID:
 094812

 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]