

Product datasheet for RC221536L1

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

BAT3 (BAG6) (NM_004639) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BAT3 (BAG6) (NM_004639) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: BAT3

Synonyms: BAG-6; BAT3; D6S52E; G3

Mammalian Cell None

Selection:

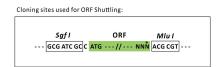
Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

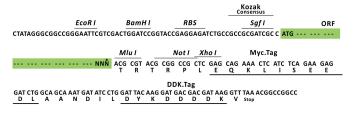
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC221536).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



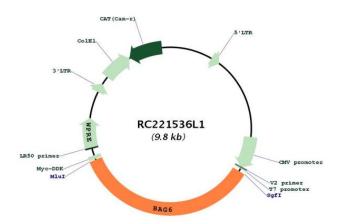


^{*} The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_004639 **ORF Size:** 3396 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.

RefSeq: <u>NM 004639.3</u>, <u>NP 004630.3</u>

RefSeq Size: 3832 bp
RefSeq ORF: 3399 bp



BAT3 (BAG6) (NM_004639) Human Tagged Lenti ORF Clone - RC221536L1

 Locus ID:
 7917

 UniProt ID:
 P46379

 Cytogenetics:
 6p21.33

 Domains:
 UBQ

Protein Families: Druggable Genome, Stem cell - Pluripotency

MW: 119.9 kDa

Gene Summary: This gene was first characterized as part of a cluster of genes located within the human major

histocompatibility complex class III region. This gene encodes a nuclear protein that is cleaved by caspase 3 and is implicated in the control of apoptosis. In addition, the protein forms a complex with E1A binding protein p300 and is required for the acetylation of p53 in response to DNA damage. Multiple transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Jul 2008]