

Product datasheet for RC226633L4

OriGene Technologies, Inc.

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BAP31 (BCAP31) (NM_001139441) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BAP31 (BCAP31) (NM_001139441) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: BAP31

Synonyms: 6C6-AG; BAP31; CDM; DDCH; DXS1357E

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Sgfl-Mlul

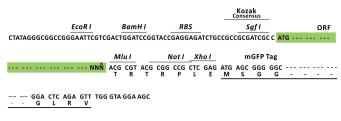
E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC226633).

Sequence:

Restriction Sites: Cloning Scheme:





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

ACCN: NM_001139441

ORF Size: 738 bp





BAP31 (BCAP31) (NM_001139441) Human Tagged Lenti ORF Clone - RC226633L4

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 001139441.1</u>, <u>NP 001132913.1</u>

RefSeq Size: 1346 bp
RefSeq ORF: 741 bp
Locus ID: 10134
UniProt ID: P51572
Cytogenetics: Xq28

Protein Families: Druggable Genome, Transmembrane

MW: 28 kDa

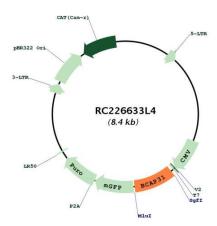
Gene Summary: This gene encodes a member of the B-cell receptor associated protein 31 superfamily. The

encoded protein is a multi-pass transmembrane protein of the endoplasmic reticulum that is involved in the anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi and in caspase 8-mediated apoptosis. Microdeletions in this gene are associated

with contiguous ABCD1/DXS1375E deletion syndrome (CADDS), a neonatal disorder. Alternative splicing of this gene results in multiple transcript variants. Two related pseudogenes have been identified on chromosome 16. [provided by RefSeq, Jan 2012]



Product images:



Circular map for RC226633L4