

Product datasheet for **RG203331**

BAP29 (BCAP29) (NM_018844) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAP29 (BCAP29) (NM_018844) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BAP29
Synonyms:	BAP29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203331 representing NM_018844 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTCCAATGGCTGCAGTGGCAACCTTTCTTTATGCCGAAATAGGACTCATTTTAACTCTTGCC
TACCTTTATTCCTCCTCAGAGATGGCAGAAGATTTTTTCATTTAATGTCTGGGTAAAATTGCACTTT
TTGGAACAAGGCTTTCCTTACCATTATCATCCTATTGATTGTTCTATTTCTAGATGCTGTGAGAGAAGTA
AGGAAATATTCTCAGTTCATACCATTGAGAAGAGCTCCACCAGCAGACCTGATGCCTATGAACACACAC
AGATGAACTTTTTAGGTCTCAAAGAACTTTTACATTTCTGGATTTTCCCTATTTTTTTGGCTAGTTTT
GAGACGTCTGGTTACGCTTATTACTCAACTGGCAAAGAAGTGTCAAACAAGGTGACTTAAAACTCAA
GCAGAAAATACTAACAAGGCTGCCAAAAATTTATGGAAGAAAACGAAAACTAAAAAGGATTTTAAAA
GCCATGGTAAAGATGAAGAATGTGTTTTGGAAGCAGAAAATAAAAACTAGTAGAAGACCAGGAGAACT
GAAAAGTGAATTAAGGAAGACTTCAGATGCCCTTTCTAAGGCACAAAATGATGTGATGGAATGAAGATG
CAGTCAGAGAGACTTTCGAAAGAATATGATCAACTCCTGAAAGAACACTCTGAATTCAGGATCGTTTAA
AAAGAGGCAACAAGAAAAGACTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG203331 representing NM_018844
 Red=Cloning site Green=Tags(s)

MTLQWAAVATFLYAEIGLILIFCLPFIPPQRWQKIFSFNVWGKIATFWNKAFITIIILLIVLFLDAVREV
 RKYSSVHTIEKSSTSRPDAYEHTQMKLFRSQRNLYISGFSLFFWLVLRRLLVTLITQLAKELSNKGLKTQ
 AENTNKAARKFMEENEKLRILKSHGKDEECVLEAENKKLVEDQEKLKTELKRTSDALSKAQNDVMMEMKM
 QSERLSKEYDQLLKEHSELQDRLERGNKKRL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018844

ORF Size: 723 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: [NM_018844.4](#)

RefSeq Size: 2892 bp

RefSeq ORF: 726 bp

Locus ID: 55973

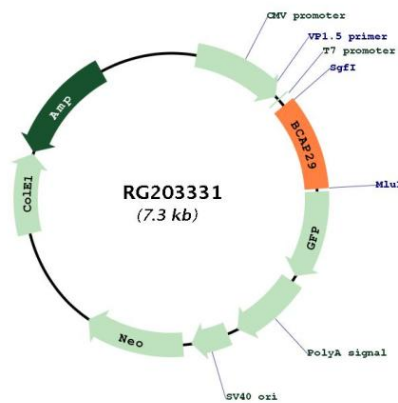
UniProt ID: [Q9UHQ4](#)

Cytogenetics: 7q22.3

Protein Families: Druggable Genome, Transmembrane

Gene Summary: May play a role in anterograde transport of membrane proteins from the endoplasmic reticulum to the Golgi. May be involved in CASP8-mediated apoptosis (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG203331