

Product datasheet for **SC127655**

BAP29 (BCAP29) (NM_018844) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAP29 (BCAP29) (NM_018844) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAP29
Synonyms:	BAP29
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127655 sequence for NM_018844 edited (data generated by NextGen Sequencing)

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ATGACACTCCAATGGGCTGCAGTGGCAACCTTTCTTTATGCCGAAATAGGACTCATTTTA
ATCTTCTGCCTACCTTTTATTCCTCCTCAGAGATGGCAGAAGATTTTTTCATTTAATGTC
TGGGGTAAAATTGCAACTTTTTGGAACAAGGCTTTCCTTACCATTATCATCCTATTGATT
GTTCTATTTCTAGATGCTGTGAGAGAAGTAAGGAAATATTCTCAGTTCATACCATTGAG
AAGAGCTCCACCAGCAGACCTGATGCCTATGAACACACACAGATGAAACTTTTTAGGTCT
CAAAGAAATCTTTACATTTCTGGATTTTCCCTATTTTTTTGGCTAGTTTTGAGACGCTG
GTTACGCTTATTACTCAACTGGCAAAAAGAACTGTCAAACAAGGTGACTTAAAACTCAA
GCAGAAAATACTAACAAGCTGCCAAAAATTTATGGAAGAAAACGAAAACTAAAAAGG
ATTTTGAAAAGCCATGGTAAAGATGAAGAATGTGTTTTGGAAGCAGAAAATAAAAACTA
GTAGAAGACCAGGAGAACTGAAAAGTGAATTAAGGAAGACTTCAGATGCCCTTTCTAAG
GCACAAAATGATGTGATGAAAATGAAGATGCAGTCAGAGAGACTTTCGAAAGAATATGAT
CAACTCCTGAAAGAACTCTGAACTTCAGGATCGTTTAGAAAGAGGCAACAAGAAAAGA
CTGTGA
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Clone variation with respect to NM_018844.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018844 unedited TTCAAATTTTGTAAACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGCCTCGTG CCGAATTCGGCACGAGGCTGACGTCCCAGCGCTCGGCGGCCGCGGAGCAGCGCAGGGAGC CAGGCGGGCTGCCGGCGGGTGTGAAGAAAAAATGACTCCAATGGGCTGCAGTGGCAA CCTTTCTTTATGCCGAAATAGGACTCATTTAATCTTCTGCTACCTTTTATTCTCCTC AGAGATGGCAGAAGATTTTTTCATTTAATGTCTGGGTAATAATGCAACTTTTTGGAACA AGGCTTTCCTTACCATTATCATCCTATTGATTGTTCTATTCTAGATGCTGTGAGAGAAG TAAGGAAATATTCTCAGTTCATACCATTGAGAAGAGCTCCACCAGCAGACCTGATGCCT ATGAACACACACAGATGAACTTTTTAGGTCTCAAAGAAATCTTTACATTTCTGGATTTT CCCTATTTTTTTGGCTAGTTTTGAGACGTCTGGTTACGCTTATTACTCAACTGGCAAAAAG AACTGTCAAACAAAGGTGTACTTAAAACTCAAGCAGAAAACTAACAAGGCTGCCAAAA AATTTATGGAAGAAAACGAAAACTAAAAAGGATTTTGAAAAGCCATGGTAAAGATGAAG AATGTGTTTTGGAAGCAGAAAAATAAAAACTAGTAGAAGACCAGGAGAACTGANAACCTG AATTAAGGAGACTTCAGATGCCCTTTCTAAGGCACANAATGATGTGATGGAATGAAGAT GCAGTCAGAGAGACTTTGAAAGATATGATCAACTNCTGAAAGACTCTGAACTNCAGG ATCGTTTGAAGAAGGCACAGANAGACTGTGAACTTATAAAGACTGATATATACTNGTC AAAATGATATTTGTATGTAGCCCTAAAAATTAAGTCAGAAATGCCTTGACCGTTCCG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018844 unedited GTACAGCTATGNNACCGCGCCGCATNCTAGNGATCGATTTTTTTTTTTTTTTTTTCAAT CCATGAAAAAATATTTATTTATGTAATACAATTTGCTAAACACCACCATTATTAAGGAGA GCACTAGGAAAAACTACCAAACACAGCATGTGAAACAGTTGGGCACGGTGGTAAAGGGCA CAGACTCTGGAGCCACAGCTGGCTAATACACTGCAATTTTTATGTTTAGCAAATATAG CTGGTCTGTGATAACCAGAAGAGCGGTATCTGGGGGATCAGGATATCTAAATTCTAGAC TTACAGCCTGGCCCTGAATCTAACTATCAATGTTGCCTTGAAAAACTGCTCAAACCTTT GATGTCTAAAAGTTTCAGACTTGTAACTTGAGAGGGTTGAGGTCCAAGGTCCTTAAATG TAACTTTAAAATGCTTTTTTTGGGAATCTTTCAAATCTTCAAGCTTTCAAAGTGCAAC CAGACTTTCTCCTTACTATACAGTCTGAACAACCTTGAGAATCACTGTATTATCTTAGTT TATATAGTAATCCTGACCTAAATTTTATTCTCATTGAGACAAGGAAATAGAGGC CTAGGCTAGCATGGCTAAATAAGTGATAAAGCTGGGAATAGATTTTAACTCTGCCATTT TAAAGCTGTGCATTTTCTATTTTTCTGTAAGTTATTCTGACATTAGACTTAATTTTACAC TAGTAGGCTAGGATTTCCCAAGCACTCATATCTATATATTATCCAGATAGCTCTTACTTT GATATTTCTAAGTCTATACTTTGAGCTAACATTTGCTCTGGTCTCTCCTATTTTCAGCACT CCCTTTNNCTGTATTATGGGGTGTGAGCCCATATGGTCTAACTCTCATTTCTACTCC TGTTGAATGGTCTCCTACCTGCTCTGTTTTTAAN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018844
Insert Size:	3400 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_018844.2](#), [NP_061332.2](#)

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]
Transcript Variant: This variant (2) differs in the 5' UTR, and lacks an alternate exon in the 3' coding region that causes a frameshift, compared to variant 1. The resulting isoform (b) is shorter and has a distinct C-terminus, compared to isoform a.