

Product datasheet for **SC330431**

BAP31 (BCAP31) (NM_001256447) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAP31 (BCAP31) (NM_001256447) Human Untagged Clone
Tag:	Tag Free
Symbol:	BCAP31
Synonyms:	6C6-AG; BAP31; CDM; DDCH; DXS1357E
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330431 representing NM_001256447. Blue=Insert sequence Red=Cloning site Green=Tag(s)

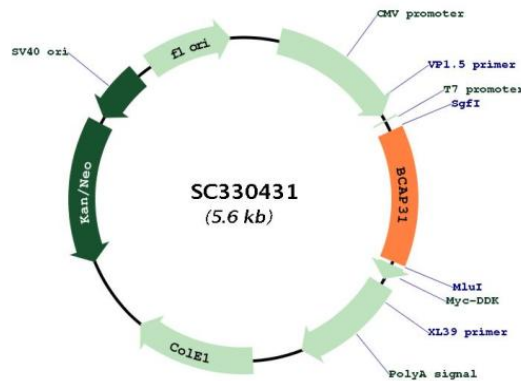
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ATGAGTCTGCAGTGGACTGCAGTTGCCACCTTCCTCTATGCGGAGGTCTTTGTTGTGTTGCTTCTCTGC
ATTCCTTCATTTCTCCTAAAAGATGGCAGAAGATTTTCAAGTCCCGGCTGGTGGAGTTGTTAGTGTCC
TATGGCAACACCTTCTTTGTGGTTCTCATTGTCATCCTTGTGCTGTTGGTCATCGATGCCGTGCGCGAA
ATTCGGAAGTATGATGATGTGACGGAAAAGGTGAACCTCCAGAACAATCCCGGGCCATGGAGCACTTC
CACATGAAGCTTTTCCGTGCCAGAGGAATCTCTACATTGCTGGCTTTTCCTTGCTGCTGCCTTCCTG
CTTAGACGCTGGTACTCTATTTTCGACGAGCCACGCTGCTGGCCTCCAATGAAGCCTTTAAAAAG
CAGGCGGAGAGTCTAGTGAGGCGGCAAGAAGTACATGGAGGAGAATGACCAGCTCAAGAAGGGAGCT
GCTGTTGACGGAGCAAGTTGGATGTGCGGAATGCTGAGGTGAAGTTGGAGGAAGAGAACAGGAGCCTG
AAGGCTGACCTGCAGAAGCTAAAGGACGAGCTGGCCAGCACTAAGCAAAAAGTAGAGAAAGCTGAAAAC
CAGGTTCTGGCCATGCGGAAGCAGTCTGAGGGCCTCACCAAGGAGTACGACCGCTTGCTGGAGGAGCAC
GCAAAGCTGCAGGCTGCAGTAGATGGTCCCATGGACAAGAAGGAAGATAA
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001256447

Insert Size: 741 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:	<ol style="list-style-type: none">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_001256447.1
RefSeq Size:	1647 bp
RefSeq ORF:	741 bp
Locus ID:	10134
UniProt ID:	P51572
Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Transmembrane
MW:	28 kDa
Gene Summary:	<p>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 (CADD5), 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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Variants 2, 3 and 4 all encode isoform b.</p>