

Product datasheet for MC200329

Bcap31 (NM_012060) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bcap31 (NM_012060) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcap31
Synonyms:	Bap31
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	<p>>BC002106 sequence for NM_012060</p> <pre>GGGGCGTGCAGTAGGCTGAAGCTCGGAAACAAGCTCCCATCCCTCTGTTGGAACCCCTTAAAGTCACAGG ATGAGTTTGCAGTGGACTACAGTTGCCACCTTCCTCTACGCAGAGGTCTTTGCTGTGTTGCTTCTCTGCA TTCCCTTCATTTCTCCCAAAGATGGCAGAAGGTTTTAAATCCCGGCTGGTGGAGTTGGTAGTGACCTA TGGCAACACTTTCTTTGTGGTTCTCATCGTCATCCTTGTACTGTTGGTTATTGATGCTGTACGAGAGATC CTGAAATACGATGATGTGACAGAAAAGGTGAACCTCCAGAACAATCCAGGTGCCATGGAGCACTTCCACA TGAAGCTTTTCCGTGCTCAGAGGAATCTCTATATTGCTGGCTTTTCCCTTGTGCTGTCTTCCCTGCTTAG ACGCCTGGTGACTCTCATCTCCAGCAGGCCACACTGCTGGCCTCCAATGAAGCCTTTAAAAAGCAGGCA GAAAGTGCCAGTGAGGCGCCAAGAAATACATGGAGGAGAATGATCAGCTAAAGAAGGGAGCTGCCGAGG ATGGAGACAAGTTGGATATTGGGAATACTGAAATGAAGTTAGAGGAGAACAAGAGCCTGAAGAATGACCT GAGGAAGCTAAAAGATGAGCTGGCCAGCACCAAGAAAAAATTGAGAAAGCTGAAAACGAGGCTCTGGCT ATGCAGAAGCAGTCTGAGGGCCTTACCAAAGAATATGACCGCCTGCTAGAAGAACATGCCAACTGCAGG CATCAGTACGTGGTCCCTCAGTCAAGAAGGAGGAGTAAAGGCTTGGTGTTCCTGCCTGCCGCTGGCTT CTACCTGACCCATGCTTACTGCTTCTTGGAGCCAGACTATCCCTCTGGTACTTGGGTTTATTCCTTAC TTCCCAATTTTCTTCCATGGCTTATAGATCATTATTTTGGCACCATTACACATACTGCTTATACCAA AAGGGACCTGATTGTTGTTTATTCAGAGTACTTTTCCACTGTTCTGCCTGGCTAGGGCACTTCCACTC CTGGAAGTGTAGAAAAGCACTGGTGACCTGGCTGCAGTTGAACCCCTTTTATTTTGAATGTACCCT AAAGGAGGCTGCTGTGAAGCAGGTCAACTGTTTTATCTGAGGGGAATAAATGTTGTTATGTTAAAAAAA AAAAAAAAAAAAAA</pre>
Restriction Sites:	RsrII-NotI
ACCN:	NM_012060
Insert Size:	738 bp



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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:	<u>BC002106</u> , <u>AAH02106</u>
RefSeq Size:	1203 bp
RefSeq ORF:	738 bp
Locus ID:	27061
UniProt ID:	<u>Q61335</u>
Cytogenetics:	X A7.3
Gene Summary:	<p>Functions as a chaperone protein. Is one of the most abundant endoplasmic reticulum (ER) proteins. Plays a role in the export of secreted proteins in the ER, the recognition of abnormally folded protein and their targeting to the ER associated-degradation (ERAD). Also serves as a cargo receptor for the export of transmembrane proteins. May be involved in CASP8-mediated apoptosis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript. Variants 1 and 2 both encode the same protein.</p>