

Product datasheet for **RN200730**

Bcap31 (NM_001004224) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bcap31 (NM_001004224) Rat Untagged Clone
Tag: Tag Free
Symbol: Bcap31
Synonyms: Bap31
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200730 representing NM_001004224
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTCTGCAGTGGACTGCAGTTGCCACCTTCCTCTACGCAGAGGTCTTTGCTGTGTGCTTCTCTGCA
TTCCCTTCATTTCTCCAAAAGATGGCAGAAGATTTTTAAATCTCGGCTGGTTGAGTTGGTAGTGACCTA
TGGCAACACTTTCTTTGGTTCTCATCGTCATCCTTGTGCTGTTGGTCATTGATGCTGTACGTGAGATC
CGGAAATATGATGATGTAAACAGAAAAGGTGAACCTCCAGAACAATCCAGGTGCCATGGAGCACTCCACA
TGAAGCTTTTCCGTGCTCAGAGGAATCTCTATATTGCTGGCTTTTCTTGCTGCTGTCCTTCTGCTTAG
ACGCCTGGTGACTCTCATCTCCAGCAGGCCACACTGCTGGCCTCCAATGAAGCCTTTAAAAAGCAGGCA
GAAAGTGCCAGTGAGGCAGCCAAGAAAATACATGGAGGAGAATGATCAGCTAAAGAAGGGAAGCTGCTGAGG
ATGGAGGCAAGTTGGATGTTGGGAGTCTGAAATGAAGTTAGAGGAGAACAAGATCCTGAAGACTGATCT
GAAGAAGCTAAAAGATGAGCTGGCCAGCACCAAGAAAAAATTGAGAAAGCTGAAAACGAGGCTCTGGCT
ATGCAGAAGCAGTCTGAGGGCCTTACCAAAGAATATGACCGTCTGCTAGAAGAGCACGCCAAGCTGCAGG
CCTCAGTACGTGGTCCCTCAGACAAGAAGGAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001004224
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>NM_001004224.1</u> , <u>NP_001004224.1</u>
RefSeq Size:	1231 bp
RefSeq ORF:	738 bp
Locus ID:	293852
Cytogenetics:	Xq37
Gene Summary:	mouse homolog plays a role in recruitment of MHC class I molecules to transport vesicles [RGD, Feb 2006]