

## Product datasheet for **RN207604**

### **Bcam (NM\_031752) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcam (NM_031752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bcam
Synonyms:	Lu
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207604 representing NM\_031752  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACCCCTGACGCCCGCGAGGGCTACTGTGGCTCACCTCCTGCTGTCGGGCTACTCAGGTGCC  
 AGGCTGAGCTGCACGTGCCGTTCCCCACGGGTGGAGGTGATGCGAGGGGAGCAAATTGCCCTGGACTG  
 CACACCACGGGAGCATCCTGAGAATTACGTGCTGGAGTGGTTGCTTGTGATGCTCCGGGGCTCGACAC  
 CGTCTGGCTTCTGTGGAACACAGGGCTCAGAGTCTGGGCACAATCCACAACCTCGGGGCCGAGAC  
 CCCCATACAAAATAGACTCCCTTGGGCGTTTGGTGATAGCAGAGGCCAGGTGGGCGATGAACGGGACTA  
 CGTGTGCGTAGTGAAGGCTGGGGCAGCAGGTACCTCAGAGGCCACTTCAAGTGTCCGTGTGTTTGAACA  
 CCAGAGGCTACGGAGGTGGCTCCAACAAGGGACGCTGCCGTGATGGAACAGTTTCCCAGGAGATCG  
 CCACCTGCAGCAGCAACAACGGAAACCCGGTGCCTCGGATCACATGGTACCAGAACGGGCAGCGTCTGGA  
 TGTACCATGGAGCTGAACCTCAAAGGGCTATATGACCAGCCGAAGTGTCCGGGAAGCCTCAGGACTGTAT  
 TCCTGACCAGCACCTCTACCTGAGGCTCCACAAGAGGATCGGGATGCCAGCTCCACTGTGCTGCTC  
 ACTACGACTTGCCTCAGGCCAACATGGCCGCCTAGACAGCCATACCTCCGCCTCACCTGCACTATCC  
 CACGGAGCATGTAGAATTCTGGGTAGGGAGCCATCTACCACAGAGGGCTGGGTACGTGAGGGTGTGCT  
 GTCCAGCTGCTCTGCCAGGGTATGGCAGCCCCAGCCGGAGTATTCATTTTTTCGAGAACAGGGAAACC  
 AGGAGGAACAGCTGAATGTCAACCTCAAGGAAACTTGACCCTGGAGGGGGTGCATCGGAGCCAGAGCGG  
 GATCTACGGCTGCAGAGTGGAGGATTACGATGCTGACGAGGAGGTGCAACTTGTCAAGAAGCTAAAGCTG  
 CACGTGGCCTACCTGGATCCGTTGGAGCTGAGCGTGCCTGAGGAGTCTCTGTATTTCTGAACAGCAGTG  
 GCACGGTGGTGAACCTGCTGCCAGAGGCTGCCTGCTCCTATTGTGCGTGGACCAAGGATTCTGTGAC  
 CGTTGCAGATGGTCCCATCTCTCTTGACTCTGTGACCTTCGACTCAGCTGGCACGTACACGTGTGAG  
 GCGTCCACACCCACAGTCCCCCTCTGAGCCGCACACAGAGTTTCCAGCTTGTGGTCCAAGGAGCTCCAG  
 AGTAAAAACAAAATGAAATAAAACCCAAAATCAGGCACTAGCTGGACGGAAGGCGATGAAGTCATGCTGAC  
 CTGCTCTGCCCGGGGCTCCAGAGCCAAAACCTCACCTGGAGTACGCGAGGAGATACTACTCCAGCAGAG  
 CCGCCCTTCGAGGGTAGAGGCTGGATGAGCAGCTCGTGCCTTCAAAGTACCAGCGCCCTGAGCCGAG  
 AGGGCGTGTCTCGAAGCTTCTAACATCCACGGCAAGAACGGTACAGTGTCCACTTTGGCTCTGTGGC  
 CCCTCAGACTGCCAGGCTGGCGTGGCTGTATGGCCGTGGCAGTCAGCGTCCGTCTTGTACTCGTA  
 GTCGCTGCTTTCTACTGCATGAGACGCAAGGGACGCCCGGCTGCTGCCAGCGAGCAGAGAAAGGGGCTC  
 CGCCAGCCAGGGAACCGGAGTTGAGCCACTCCGGGTGAGAGCGTCCAGAACACACCGGCCTTCTCATGGG  
 TGGGCCCTCCGGAGGAGGCGAGGTTGGCAACGGGGCTTTGGAGATGAGTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_031752
- Insert Size:** 1875 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\\_031752.2](#), [NP\\_113940.1](#)

**RefSeq Size:** 2390 bp

**RefSeq ORF:** 1875 bp

**Locus ID:** 78958

**UniProt ID:** [Q9ESS6](#)

**Cytogenetics:** 1q21

**Gene Summary:** may act as an adhesion molecule and receptor for laminin [RGD, Feb 2006]