

## Product datasheet for **MC218338**

### **Bcam (BC004826) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcam (BC004826) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcam
Synonyms:	Gplu, B-CAM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC004826  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAACCCCTGACGCCCGCAGGGCTGCTGTGGCTCACCTTCTGCTGTCGGGCTACTCAGGTGCC  
 AGGCTGAGCTGCACGTGTCCGTGCCCCACGGTGGAGGTGATGCGAGGCGAGCAAGTCGCCTGGACTG  
 CACTCCACGGGAGCACCTGAGCATTACGTGCTGGAATGGTTCTCGTTGATGGTACTGGGGCTCGACAC  
 CGTCTGGCTTCTGTGGAACACAGGGCTCAGAGTTCCTGGGCACAGTCCACTCTCTGGGCCGCTACCCC  
 CATACGAGGTAGACTCTCGTGGGCGCTGGTGATAGCAAAGTCCAGGTGGGCGATGGACGGGACTACGT  
 GTGCGTAGTGAAGGCTGGGGCAGCGGTACCTCAGAGGCCACCTCAAGTGTCCGTGTGTTTGAACACCA  
 GAGGATACGGAGGTGTCTCCCAAAAGGGACGCTGTCTGTGATGGACCAGTTTGCCAGGAGATTGCCA  
 CCTGCAGCAGCAACAACGAAACCCCGTGCCTCGGATCACATGGTACCGAAACGGGCAGCGTCTGGAAGT  
 ACCCATGGAGGTGAACAAAAGGGCTACATAACCATCCGTAAGTGTCCGGGAAGCCTCAGGCTGTACTCC  
 CTGACCAGCACCTCTACTCTGAGGCTGCACAAGGATGATCGGGATGCCAACTTCCACTGTCTGCTCACT  
 ACGACTTGCCCTCAGGCAACATGGCCGCTGGACAGCCATACCTTTGCGCTCACCTGCACTATCCAC  
 GGAACATGTAGAAATCTGGGTGGGGAGCCCGTCCACCACGGAGGGCTGGGTCCGTGAGGGTGTGCTGTC  
 CAGCTGCTCTGCCAGGGCGATGGCAGCCCCAGCCAGAGTATTCTTTTTCCGCCAGCAGGGTACCCAGG  
 AGGAACAGCTGAATGTCAACCTCAAGGGAACTTGACCCTAGAACGGGTGCATCGGAACAGAGCGGGAT  
 CTACGGCTGCAGAGTGGAGGATTACGATGCCGACGAGGAAGTCAACTTGTCAAGAAGCTAAAGTGCAC  
 GTGGCTACCTGGATCCATTGGAGCTGAGCGTGCCTGAGGAGCTTTCGTATTCTGAACAGCAGCAGCA  
 CGGTGGTGAACCTCCGCTAGAGGCCTGCCTACTCCTACTGTGCGATGGACCAAGGATTTGTGACCCCT  
 TGCAGACGGCCCATGCTCTCTCTCCAGTCTGTGACCTTTGACTCAGCTGGCACCTATACCTGTGAGGCG  
 TCCACACCCACAGTCCCCTCCTGAGCCGCACACAGAGTTTCCAGCTCATCGTCCAAGGAGCACCAGAGT  
 TAAAACCGAATGAGATAATGCCCAAATCAGGGAATAGCTGGACAGAAGGCGATGAAGTCATGCTGACCTG  
 CTCCGCCCGGGCTTCCCAGAGCCCAAACCTCACCTGGAGTCAGCGAGGCGATACTCCAGCAGAGCCGCC  
 TTTGAGGGTAGAGGCTGGAAGAGCAGCTCGCTGATGGTGAAGTGACCAGCGCCCTGAGCCGAGAGGGCG  
 TGTCTGTGAAGCGTCTAACATCCATGGCAAGAAAGGCCATGTCTCCACTTTGGCTCTGTGCCCTCA  
 GACTGCCAGGCTGGAGTGGCTGTATGGCTGTAGCTGTCAGCGTCCGCTTTTGTACTCGTGGTCTGCT  
 GCTTTCTATTGCATGAGACGCAAAGGGCGCCCTGGCTGCTGCCGGCAGCAGAGAAGGGGGCCGCCAG  
 CCAGGGAACCGGAGTTGAGCCACTCTGGGTGAGAGCGGCCAGAACACACGGGCCTTCTCATGGGTGGGCC  
 CTCTTCTTCTCCAGCCTCGGCCCTCCCTTCTTCTGCTGCTGGGCAGGGACCCACAGTGGCCAG  
 CGGCCTTGGGGAGGAAAGAGGGAGGTGGGGGCTGGGAGGGGCTTCTCCAGGGAATGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** BC004826
- Insert Size:** 1953 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:** [BC004826](#), [AAH04826](#)

**RefSeq Size:** 2258 bp

**RefSeq ORF:** 1952 bp

**Locus ID:** 57278

**Cytogenetics:** 7 A3

**Gene Summary:** Laminin alpha-5 receptor. May mediate intracellular signaling (By similarity).  
[UniProtKB/Swiss-Prot Function]