

## Product datasheet for **MC219827**

### **Bcam (NM\_020486) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcam (NM_020486) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bcam
Synonyms:	1200005K12Rik; B-CAM; Gplu; Lu
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219827 representing NM\_020486  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAACCCCTGACGCCCGCAGGGCTGCTGTGGCTCACCTTCTGCTGTCGGCTACTCAGGTGCC  
 AGGCTGAGCTGCACGTGTCCGTGCCCCACGGTGGAGGTGATGCGAGGGGAGCAAGTCGCCTGGACTG  
 CACTCCACGGGAGCACCTGAGCATTACGTGCTGGAATGGTTCTCGTTGATGGTACTGGGGCTCGACAC  
 CGTCTGGCTTCTGTGGAACACAGGGCTCAGAGTTCCTGGGCACAGTCCACTCTCTGGGCCGCTACCCC  
 CATACGAGGTAGACTCTCGTGGGCGCTGGTGATAGCAAAGTCCAGGTGGGCGATGGACGGGACTACGT  
 GTGCGTAGTGAAGGCTGGGGCAGCGGTACCTCAGAGGCCACCTCAAGTGTCCGTGTGTTTGAACACCA  
 GAGGATACGGAGGTGTCTCCCAAAAGGGACGCTGTCTGTGATGGACCAGTTTGCCAGGAGATTGCCA  
 CCTGCAGCAGCAACAACGGAAACCCCGTCCGATCACATGGTACCGAAACGGGCAGCGTCTGGAAGT  
 ACCCATGGAGGTGAACAAAAGGGCTACATAACCATCCGTAAGTCCGGGAAGCCTCAGGCTGTACTCC  
 CTGACCAGCACCTCTACTGAGGCTGCACAAGGATGATCGGGATGCCAACTTCCACTGTGCTGCTCACT  
 ACGACTTGCCCTCAGCCAACATGGCCGCTGGACAGCCATACCTTTGCGCTCACCTGCACTATCCAC  
 GGAACATGTAGAAATCTGGGTGGGGAGCCCGTCCACCACGGAGGGCTGGGTCCGTGAGGGTGTGCTGTC  
 CAGCTGCTCTGCCAGGGCGATGGCAGCCCCAGCCAGAGTATTCTTTTTCCGCCAGCAGGGTACCCAGG  
 AGGAACAGCTGAATGTCAACCTCAAGGGAACTTGACCTAGAACGGGTGCATCGGAACAGAGCGGGAT  
 CTACGGCTGCAGAGTGGAGGATTACGATGCCGACGAGGAAGTCAACTTGTCAAGAAGCTAAAGTGCAC  
 GTGGCTACCTGGATCCATTGGAGCTGAGCGTGCCTGAGGAGCTTTCGTATTCTGAACAGCAGCAGCA  
 CGGTGGTGAAGTCTCCGCTAGAGGCCTGCCTACTCTACTGTGCGATGGACCAAGGATTCTGTGACCT  
 TGCAGACGGCCCATGCTCTCTCCAGTCTGTGACCTTTGACTCAGCTGGCACCTATACCTGTGAGGCG  
 TCCACACCCACAGTCCCCTCCTGAGCCGACACAGAGTTTCCAGCTCATCGTCCAAGGAGCACCAGAGT  
 TAAAACCGAATGAGATAATGCCCAAATCAGGGAATAGCTGGACAGAAGGCGATGAAGTCATGCTGACCTG  
 CTCCGCCCGGGCTTCCCAGAGCCCAAACCTCACCTGGAGTCAGCGAGGGGATACTCCAGCAGAGCCGCC  
 TTTGAGGGTAGAGGCTGGAAGAGCAGCTCGCTGATGGTGAAGTGACCAGCGCCCTGAGCCGAGAGGGCG  
 TGTCTGTGAAGCGTAAACATCCATGGCAAGAAAGGCCATGTCTCCACTTTGGCTCTGTGCCCTCA  
 GACTGCCAGGCTGGAGTGGCTGTATGGCTGTAGCTGTCAGCGTCGGTCTTTTGTACTCGTGGTCTGCT  
 GCTTTCTATTGCATGAGACGCAAAGGGCCCTGGCTGCTGCCGGCAGCAGAGAAGGGGGCCGCCAG  
 CCAGGGAACCGGAGTTGAGCCACTCTGGGTGAGAGCGGCCAGAACACACGGCCCTTCTCATGGGTGGCC  
 CTCGGGAGGAGGCAGAGGTGGCAGTGGAGGCTTTGGAGATGAGTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_020486
- Insert Size:** 1869 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\\_020486.2](#), [NP\\_065232.1](#)

**RefSeq Size:** 2407 bp

**RefSeq ORF:** 1869 bp

**Locus ID:** 57278

**UniProt ID:** [Q9R069](#)

**Cytogenetics:** 7 A3

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