

Product datasheet for **MC223135**

Egflam (BC095994) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Egflam (BC095994) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Egflam
 Synonyms: 5930412K08; AU040377
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC095994
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTTAATCTCAACCTTCTCGCTCCATTTCTTGCTCCTGGCCTGCAGCCTCCCACCCGGCGCTGTGT
 CACTCCGAACGGCTCTGCGAAAAATCAGGCAAGGTGGGACCTCCTCTTGACATCAAGCTGGGAGCCTTGAA
 CTGTACAGCTTTCAGCATCCAGTGGAAAACACCAAGCGTTCTGGTAGCTCCATCATTGGCTACACAGTG
 TTTTACTCTGAGGTTGGTTCAGATAAGTCCCTGCGGGAGCGGTACACAAACGTCCCGGTTGGCCAGGATA
 CCCTAATCACTGAGGAAGTGATTGGAGATTTGAAGCCAGGCACTGAATATCAAGTAAGCGTAGCAGCCTA
 CAGTCAGACTGGCAAGGGGAGGCTTAGCTTCCCTCGACATGTGACCACCTTGTCTCAAGATTCCTGCCTG
 CCCCTGACAGACCCCAACAGCCACATGTCCTTGTGGTTTCCGATTCTGAAGTGGCCCTTCTTGGAGAC
 CTGGAGAGAATGAAGGAAGTGCCCAATTCAGTCTACTCTGTGGAATTCATTAGACCAGATTTTGACAA
 GAGCTGGACCATAATCCAAGAGCGCCTGCAGATGGACTCCATGGTTATCAAAGGCCTTGATCCAGATACC
 AACTACCAGTTTGTGTGAAAGCCATGAATGCTCACGGCTTCAGTCCGCGCAGCTGGCCACGAAACCCG
 TCCGAACCCTGGGTCCCGGGAGGCTGGAAGTGGTCATTATGGACCTGGGTATATCACCAATCCCGGTGT
 GAGTGAAGATGATGATGGATCTGAAGACGAAGTGGACTGGATGTATCCTTTGAGGAGTTAAACCACTT
 CCTGCTACCAAAGTTGGGAATAAGAAGTCTCAGTGGAGTCCAAGAAGACTTCTGTCTCCAACTCAGTGA
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 ACCCAGTGACAGGCCAGTCCCAGGGTACAGTAAATACCTTCCGGACACCTCTGTACCTCGGGG



GCGCTCCCAGTGCTTACTGGCTGGTCAGAGCAACAGGGACAAACCGTGGCTTCCAAGGCTGTGTGCAGTC
 ACTTTCTGTAAATGGGAAGAAGATTGACATGAGGCCCTGGCCATTAGGAAAAGCCCTCAATGGAGCTGAT
 GTTGGGGAGTGCAGCAGTGGGATCTGTGACGAAGCCTCCTGCATCCACGGGGGCACCTGCGCAGCCATCA
 AGGCCGACTCCTACATCTGCCTCTGTCCCTTGGGTTTCAGAGGTCGACACTGTGAAGATGCTTTTGCCT
 GACCATCCCTCAGTTCAGAGAGTCGCTGAGGTCCTATGCTGCCACACCCTGGCCCTGGAGCCTCAGCAT
 TATCTTTCTTTCACCGAGTTCGAGATCACCTTTCGGCCAGACTCGGGGGATGGTGTCTTTTGTACAGCT
 ACGACACGGGCAGCAAGGACTTCCCTCCATCAATATGGCTGCGGGCCACGTGGAATTCGCTTCGACTG
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 TCTCGCACAGCGAAGAATGGGATCTTACAGGTGGACAAGCAGAAGGTGGTAGAGGAATGGCAGAGGGAG
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 GAACTCGGGGATCCTCCATCCATTTAGTGGGAGCATTGAGAAGATCATCCTCAACGACCGGACCATCCAT
 GTGAAGCATGACTTTACATCGGGCGTGAATGTGGAGAACGCAGCCACCCTGTGTAGGGGCCCCCTGTG
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 GAACTGCCAGAAAGAGTGTGGAAACACTGCCTCAATACTATTATAGAAGCCATCGAGATCCCACAGTTC
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 CGTTCATGAGGTTAAGACAACCGCCAAGGATGGCCTGTTGCTGTGGAGGGGGGACAGCCCCATGAGACC
 TAACAGTGACTTCATTTCCCTGGGTCTTGGGATGGAGCCCTGATATTACGCTACAACTGGGCAGTGGC
 GTGGCTTCCATCATGGTGAACGGTTCCTTACGCGATGGCCGTGGCACCAGTCAAGGCTGTGAGGGATG
 GCCAGTCCGGGAAGATTACAGTGGATGACTACGGAGCCAGAACAGGCAAGTACCAGGGCTTGTGCGGCA
 GCTTAACATCAACGGTGTCTGTACGTGGTGAATGAAGGAAATCGCTCTGCACACGAACAGACAATAC
 CTGCGAGGCCCTTGTGGGCTGCATCTCCATTTCACTGTCCACCGATTACCACATTTCCCTCGTGAAG
 ACGCCGTGGATGGGAAGAACATCAACACTTGTGGGCTAAGTAA

ACGCGTACGCGCGCCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** BC095994
- Insert Size:** 3054 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:** [BC095994](#), [AAH95994](#)
- RefSeq Size:** 4102 bp
- RefSeq ORF:** 3053 bp

Locus ID: 268780

Cytogenetics: 15 A1

Gene Summary: Involved in both the retinal photoreceptor ribbon synapse formation and physiological functions of visual perception. Necessary for proper bipolar dendritic tip apposition to the photoreceptor ribbon synapse. Promotes matrix assembly and cell adhesiveness.
[UniProtKB/Swiss-Prot Function]