

## Product datasheet for RN211163

### Egflam (NM\_001108938) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Egflam (NM_001108938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Egflam
Synonyms:	RGD1306592
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211163 representing NM_001108938 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGATTTAATCTCAACCTTCTTGCTCCATTTCTTGCTCCTGGCCTGCAGCCTCCACCCGGCGCCGTG  
CACTCCGAACCGCTCTGCGAAAATCAGGCAAGGTGGGACCTCCTCTTGACATCAAAGTGGGAGCCTTGAA  
CTGTACAGCCTTCAGCATCCAGTGGAAAACACCAAAGCGTTCTGGTAGCTCCATTGTTGGGTACACAGTA  
TTTTACTCTGAGCTTGGTTCAGATAAGTCCCTCCGGGAACAGTCACATAATGTACCTGTTGGCCAGGATA  
CCCTAATCACTGAGGAAGTGATTGGAGATTTGAAGCCAGGCACTGAATATCGAGTGAGCATAGCAGCCTA  
CAGCCAGACTGGCAAAGGGAGGCTTAGCTTCCCTCGGCATGTGACCACCTTTGTCTCAAGATTCTGCCTG  
CCCCCTGAAGCACCCATCAGCCACATGTCCTTGTGGTTTCTGATTCTGAAGTGGCCCTATCTTGGAGAC  
CGGGAGAGAATGAAGGAAGTGCCCAATTCAGTCTACTCTGTGGAATTCATTAGGCCAGATTTTGACAA  
GAGCTGGACCATAATCCAAGAGCGCCTGCAGATGGACTCCATGGTTATCAAAGGCCTTGATCCAGACACC  
AACTACCAGTTTGTGTGAGAGCCATGAATGCCTATGGCTTCACTGCGCAGCCAGCCAGCAACACCA  
TCCGAACTCTGGTCTTGGGAGGCTGGAAGTGGCCGCTATGGACCTGGGTATATCACCAGATACCGGCGT  
GAGTGAGGATGACGATGCATCAGAAGACGAGCTAGATCTGGATGTCTCCTTTGAGGAGTTAAACCACTT  
CCTGCTACCAAAGTTGGGAATAAGAAAGTCCAAGAAGACTTCTGTCTCAACTCAGAGATGGACTCCAGAC  
TTGCCAACCTACCTCAGCATCTCTCCCTGAAACTACAGTGGCTGTGCCACCCAGCCAGCCCAACGGAA  
GGGGAAGAACAGTGTGGCCGTGATGTCAAGGCTCTTTGACATGCTCTGTGACGAAACCTCTGTTAGCT  
GACAGCTTCTGTGCAATGACTACGCTGGGAGGCTCACGATGCCATTGCAACCTGGGCAAAGGAGGCG  
AGGCTGCTCAGAAGATATCTTTATTCAGTATCCACAGTCTTTGGCCACTCCTATGTAACCTTTGAGCC  
TCTGAAGAACTTTATCAGGCATTTAGATTACTCTGGAATTCAGGCGAGAGGCAGAAGATGGCTTACTG  
CTCTACTGTGGGAGAGTGAACATGGGAGAGGAGACTTCATGTCCCTGGCTCTCATCCGACGCTCCCTCC  
ACTTCAGTTTTAATTGTGAACTGGGATGGCCATCATATAAGTGAGACCAAAATCAAGCTTGGGCGCTG  
GCACTCGGTGACTGTATAGAGATGGCTGAACGGGCTGCTGCAGTTGAACAATGGCACCCAGTAACA  
GGCCAGTCCCAGGGTCAGTACAGTAAAATTACCTTCCGGACACCTCTGTACCTTGGTGGTCTCCAGTG



[View online >](#)

CTTACTGGCTGGTCAGAGCGACGGGGACAAATCGTGGCTTCCAAGGCTGTGTGCAGTCACTTGCTGTTAA  
CGGAAGAAGATTGACATGAGGCCCTGGCCACTGGGAAAGCCCTCAACGGAGCTGATGTTGGGGAGTGC  
AGCAGTGGGATCTGTGATGAAGCCTCCTGCATCAACGGGGGCACCTGCGCAGCCATCAAGGCCGACTCCT  
ACATCTGCCTCTGTCCCCTTGGGTTTCAAGGTCGACACTGTGAAGATGCATTTACCCTGACCATTCTCA  
GTTCAGAGAGTCGCTGAGGTCTACGCTGCCACGCCCTGGCCCTGGAGCCTCAGCACTATCTTTCTTTC  
ACCGAGTTTGAGATCACATTTTCGGCCAGACTCCGGGGATGGGGTCCTTTTGTACAGTACGACACAAGCA  
GCAAGGACTTCCGTCCATTATTATGGCTGCAGGCCATGTGGAATTCGCTTCGACTGTGGTTCTGGGAC  
CGGAGTTCTCAGGAGTGAGGATACCCTACCCTAGGCCAATGGCATGACCTACGCGTGTCTCGCACAGCG  
AAGAATGGGATCTTACAGGTGGACAAGCAGAAGGTAGTAGAAGGAATGGCAGAGGGAGGCTTCAACCAGA  
TTAAGTGAATACAGACATTTTTATTGGCGGAGTCCCAAATTACGATGATGTCAAGAAGAACTCGGGTAT  
CCTCCATCCATTTAGTGGGAGCATCCAGAAGATCATCCTAAATGACCGGACCATCCATGTGAGGCACGAC  
TTTACATCTGGTGAATGTGGAGAACGCAGCGCACCCCTGTGTGGGGCCCCCTGTGCCATGGGGGCA  
GCTGTAGGCCAGGAAGGAGGTTATGAGTGTGACTGTCCCTTGGGCTTCAAGGCTGAACTGCCAGAA  
AGCGATTACAGAAGCCATTGAGATCCCACAGTTCATCGGTGGAGTTACCTGACCTATGACAACCCAAAT  
ATCCTCAAGAGGGTGTCCGGATCAAGGTCAAATGCTTTTATGAGGTTTAAAGACAACCGCCAAGGACGGCC  
TGTTGCTGTGGAGGGGGACAGCCCATGAGACCTAACAGCGACTTCATTTCCCTGGGTCTTCGGGATGG  
AGCCCTGGTGTTCAGCTACAACCTGGGCAAGTGGTGGCTTCCATTATGGTGAATGGTTCCTTCAGCGAT  
GGCCGGTGGCACCAGTCAAGGCTGTCAGGGATGGCCAGTCTGGGAAAATTACGGTGGATGACTATGGAG  
CCAGAACAGGCAAGTCACTGGCATGATGAGGCAACTAACATCAATGGGGCTCTGTATGTGGGTGGAAT  
GAAGGAAATTGCTCTGCGCACGAACAGACAGTACATGCGAGGCCCTGTGGGCTGCATCTCCCATTTACA  
TTGTCCACCGATTACCACATTTCCCTTGTGGAAGACGCTGTGGATGGGAAGAACATCAACACTTGTGGG  
CTAAGTAA

AGCGGACCGACGCGTACGCGGCCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_001108938

**Insert Size:** 3018 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\\_001108938.2](#), [NP\\_001102408.2](#)

**RefSeq Size:** 3714 bp

**RefSeq ORF:** 3018 bp

Locus ID: 365691

UniProt ID: [B4F785](#)

Cytogenetics: 2q16

Gene Summary: Involved in both the normal 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 (By similarity).[UniProtKB/Swiss-Prot Function]