

Product datasheet for **RR211163**

Egflam (NM_001108938) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Egflam (NM_001108938) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Egflam
Synonyms: RGD1306592
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR211163 representing NM_001108938
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**GCGATCGCC**

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Protein Sequence:

>RR211163 representing NM_001108938
 Red=Cloning site Green=Tags(s)

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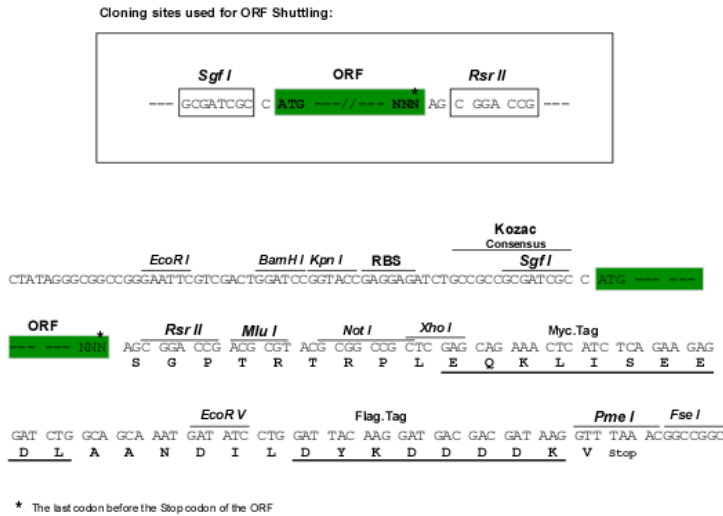
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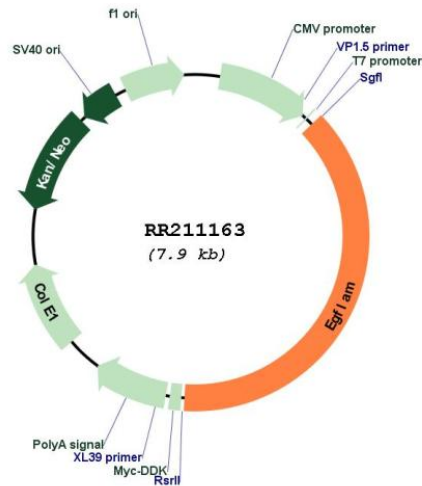
Restriction Sites:

Sgfl-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108938

ORF Size: 3015 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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:	<u>NM_001108938.2</u> , <u>NP_001102408.2</u>
RefSeq Size:	3714 bp
RefSeq ORF:	3018 bp
Locus ID:	365691
UniProt ID:	<u>B4F785</u>
Cytogenetics:	2q16
MW:	109.7 kDa
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]