

Product datasheet for **SC322729**

EGFLAM (NM_182799) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EGFLAM (NM_182799) Human Untagged Clone
Tag:	Tag Free
Symbol:	EGFLAM
Synonyms:	AGRINL; AGRNL; FLJ39155
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322729
CGCCGACCTCCC GGCTGCAGTCCTACCTCTTGGAACTACCCGTGTTTCCGGGCCAGCCC
TCGCAGCCCCCACCTCCTCGCCCGGCCGGGATCCGTTGGGGCCCGTCCCCACGC
GCCCCCGAGACGCCCTTCCGTGTGCGCCCGGACTTGGTGAACTTTGCAGGCCCGG
CTGCGAAATGGATTTAATCCGAGCGCTTGTCTCCGGCTCCTGCTCCTGGCTTCCAGCCT
CGGACCCGGCGCGGTGTGCTCCGAGCGCCATCCGAAAACCAGGCAAGGTAGGGCTCC
TCTTGACATCAAGCTGGGCGCATTGAACTGTACGGCTTTCAGCATCCAGTGAAAATGCC
AAGGCATCCTGGAAGTCCCACCTTGGGTACACTGTCTTTACTCTGAGGTTGGCGCAGA
TAAATCCCTGCAGGAGCAGTTGCACAGCGTGCCTCTCAGCCGGGACATCCCGACCACGGA
GGAAGTGATTGGAGATTTGAAACCAGGCACTGAATATCGTGTGAGCATAGCAGCTTACAG
CCAGGCTGGCAAAGGGCGGCTGAGCTCTCCTCGGCATGTCACCACTTTGTCCCAAGATTC
CTGCCTGCCTCCTGCAGCTCCCCAGCAGCCACATGTCATTGTGGTTTCGGATTCTGAGGT
GGCCCTGTCTTGAAAACCTGGAGCGAGTGAAGGAAGCGCCCTATTTCAGTACTATTCTGT
GGAATTCATCAGGCCAGATTTTCGACAAGAAGTGGACCTCAATCCATGAGCGGATCCAGAT
GGACTCCATGGTTATCAAGGGCCTCGATCCAGATACCAACTACCAGTTTGCCGTGAGGGC
AATGAATCCCATGGCCCCAGCCCCGAGCTGGCCAGTGACATCATCCGGACCCTCTG
CCCTGAGGAGGCGGAAGTGGCCGCTATGGACCCGTTATATCACCGACATGGGAGCTGG
TGAGGATGATGAAGATTTGAAGACGACTTAGATTTGGATATTTCTTTGAGGAGGTTAA
ACCACTTCTGCTACCAAAGGAGGAATAAGAAATTTTTGGTGGAAAGCAAGAAGATGTC
TATATCTAACCCAAAGACCATTTCTAGGCTCATCCCCCTACCTCAGCATCTCCTCCTGT
GACCACGGTGGCTCCCCAGCCATTCCCATACAGAGAAAGGGGAAGAATGGTGTGCCAT
AATGTCAAGGCTCTTTGACATGCCTTGTGATGAACTCTCTGCTGCTGACAGCTTCTG
TGTCAATGACTACACCTGGGGGGCTCGCGATGCCAGTGACCCCTGGGCAAAGGTGGTGA
GAGCTGCTCAGAAGATATTGTTATCCAGTATCCTCAGTTCTTTGGCCACTCCTATGTAAC
GTTTGAACCTCTGAAGAATTTCTATCAGGCATTTCAAATTACTCTTGAATTTAGGGCGGA
GGCAGAGGATGGCTTACTGCTCTACTGTGGGAGAACGAACACGGGAGGGGGGATTCAT
GTCCTGGCTATCATCCGACGCTCCTGCAGTTCAGGTTAATTGTGAACTGGGGTTGC



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CATCATCGTAAGTGAGACCAAAATCAAACCTAGGGGGTTGGCACATGGTTATGCTCTACAG
 AGATGGGCTGAACGGGCTGCTGCAGCTGAACAATGGCACCCAGTGACAGGCCAGTCTCA
 GGGCCAATACAGTAAAATTACTTTCCGGACACCTCTATCTTGGTGGCGCTCCCAGCGC
 TTAAGTGGTTAGAGCAACAGGGACAAACCGAGGCTTCAAGGCTGTGTGCAGTCGCT
 CGCTGTGAATGGGAGGAGAATTGACATGAGGCCCTGGCCCTGGGAAAAGCACTCAGTGG
 GGCTGTGTGGGGGAATGCAGCAGTGAATCTGTGATGAGGCCTCGTGCATCCATGGTGG
 CACCTGCACAGCAATCAAAGCCGACTCCTACATTTGCCTCTGTCCCCTTGGGTTAAAGG
 TCGACACTGTGAAGATGCTTTCACCTTGACCATTCTCAGTTTCAGAGAGTCTCTGAGATC
 TTACGCTGCAACTCCCTGGCCACTGGAGCCCCAGCATTACCTTTCTTCATGGAATTTGA
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 TCGTGTATCTCGCACAGCAAAGAATGGAATCTTACAGGTGGATAAGCAGAAGATAGTGA
 GGAATGGCAGAGGGAGGCTTACACAGATTAAGTGAACACAGACATTTTCATTGGCGG
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 CATCCAGAAGATCATCTGAATGACCGAACCATCCATGTGAAGCATGACTTCACCTCCGG
 AGTGAATGTGGAGAATGCGGCCACCCCTGTGTGAGAGCCCTTGTGCCATGGGGGCGAG
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 GACGTATGACAACCCAGATATCTTGAAGAGGGTGTGAGGATCAAGATCAAATGTGTTTCA
 GAGGTTTAAAAACAACTGCCAAGGATGGCCTTTTGTGTGGAGGGGAGACAGCCCCATGAG
 ACCCAACAGCGACTTCATTTCTTGGGCCTTCGGGATGGAGCCCTCGTGTTCAGCTATAA
 CCTGGGCAGTGGTGGCATCCATCATGGTGAATGGCTCCTTCAACGATGGTCCGGTGGCA
 CCGAGTTAAGGCCGTTAGGGATGGCCAGTCAGGAAAGATAACCGTGGATGACTATGGAGC
 CAGAACAGGCAAATCCCCAGGCATGATGCGGCAGCTTAACATCAATGGAGCTCTGTATGT
 GGGTGGAAATGAAGGAAATGCTCTGCACACTAACAGGCAATATATGAGAGGGCTCGTGGG
 CTGTATCTCTCACTTCACCCTGTCCACCGATTACCACATTTCCCTCGTGGAAAGTGCCGT
 GGATGGAAAAACATCAACACTTGTGGAGCCAAGTAACACCAGCTGGCCTTGTCCAAGGG
 ACAGAGCCTTCTATTCTGAGAATCCCAGGGGCCCTCAGACCCTGCCTGATGCTATATGCA
 GAGGCCAGGGACCAGGTGTGTTTCTCTCACCAAGAAGAAAGTACACACTGATGAGAAA
 CTGAGAACCAAGACAGGCATCCCTGGGTGGCCTTCTCTGCTGACTCCACGAGCTGACC
 CAGCAGAATTCTGTGTAGGAAGCATCGGACTTGTCCATTGAATATGTAGCGGCTGCC
 AGAGATCACACATCAATGCAAAATCCAGAGCCTGTCTGCTATAGCTCAGTGACTGTGTTG
 TGATTCATAGTACATTAAGAGAGAGAGAGAGAGAAAGAAATCCCACAGGGCACTATTA
 ATACTTCTCTCCTTCCCTGACTCATGACTCTTCTGACAGCAGAAATGACTGTGTGACC
 TTGAACTTCAATTTCCACATTTGGCCCTTGGATTGTTTCGGATTAACCCCTTCCACTCCT
 CACTGGCTGGTTCACTGTGTTCTGACTAGTCCATAAAAAATAAAGATGGAAGGAGATCAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:

NM_182799

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).

OTI Annotation:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_182799.1</u> , <u>NP_877951.1</u>
RefSeq Size:	3328 bp
RefSeq ORF:	1128 bp
Locus ID:	133584
Cytogenetics:	5p13.2-p13.1
Protein Families:	Transmembrane
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 (By similarity).[UniProtKB/Swiss-Prot Function]