

## Product datasheet for **MC219574**

### Megf9 (NM\_172694) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Megf9 (NM_172694) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Megf9
Synonyms:	4933405H16Rik; 9630025C07; Egfl5; mKIAA0818
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219574 representing NM\_172694  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAATGGCGGAGCCGAGCGGCCATGAGGAGCCTGCCGAGCCTGGGCGGCTCGCCCTGTTGTGTGCTGCG  
 CGGCCCGCGCAGCCGCTTCCACAGCCTCGGCAGGGAATGTCACCGGTGGCGGCGGGCCGAGGGGCAGGT  
 GGTCCCCTCGCCAGCCCGGGGCTTCGGGACCAAGCCAGCAGCCCTTCCCTAAGACCGCGGCTCCCACC  
 GCGCAGGCCCGCGGACCGGTCCCCGCGCACCACAGTCCGAAAACCGGGGCTACAACCCCGTCAGCCG  
 GCTCCCCGGAGATCATTCTCTCTTCGCACCAGCGCACAACCCGCTGCCACCCCTTCCCGGCTTGGA  
 CCTCTCGCCCGCCACCCCTTCGGAGGACGGACACACTCCACCACGGAATCACCACCTCCAGACCCGCG  
 CCCACCACCTTTCGAGCAGTGGCCAGCCCGCACCCTCTGTAGTACCACCGCTCAGGCTTCCA  
 GCACTCCAGGGACCCCACTGCCGAGTCCCGGACAGAAGCAGCAACAGTAGCGGAGTCCGCCCCACCGC  
 ACCTGTACCCGAAGCCCTACTTCTCTCCCCAGAGCATAATGTGTAACGTTCTGAGGTTGGAAGTTTG  
 GATGTAAGCGCTGCAACCAGACCACAGGGCAGTGTATTGTCATGTGGTTATCAGGGTCTTCACTGTG  
 ACACCTGCAAAGAGGGCTTTTACCTGAATCACACTGTTGGTCTCTGCCTGCCATGCACTGCAGTCCACA  
 TGGAGCTGTTAGCATCTCTGTAACAGTTCTGGGAATTGCCAATGCAAAGTGGGTGTACCGGCTCCATG  
 TGTGACAAATGCCAAGATGGACATTATGGCTTTGGTAAGACAGGCTGCTTGCCTTGCCAGTGCAACAACC  
 GGTCTGATAGTTGTGATGTTACACAGGTGCTTGTCTAAACTGCCAGGAAATAGTAAAGGGGAACACTG  
 TGAAGAATGCAAAGAAGGATTTTATCCGAGTCTGATGCCGAAAACAGTGCCATCGCTGCCCGTGTTC  
 GCAGTGACTTCTACAGGCAATTGCACATTGAATCTGGAGAGTTGGAGCCTACATGTGACCAATGTAAG  
 ATGGTTACACAGGCCAGAACTGCAATAAATGTGAAAATGGCTATTACAATTCTGACAGCATCTGCACACA  
 GTGCGAATGTCATGGCCATGTGGACCAATTAATACTCAAAGATTTGCAAGCCTGAGAGTGGTGTGATGC  
 ATCAACTGCCTTCATAACACCACTGGGTTCTGGTGCAGAAAATGCCTAGAAGGCTATGTTGAGATCTTC  
 AGAGAACTGCATCAAGCAAGAAGTTATTGTTCCAACCTCTGAAGGTTCTACCATTTTGGTTTCCAATGC  
 CTCTTTGACCACATCAGTGCCACCCCTGTTATAAATAGTACTTTTCCCCCACAACCTGCAGACTATC  
 TTTGCAGTAAGCTCTTCTGAAAACAGCACCTCAGCTCTTGCTGATGTATCATGGACCCAGTTTAACATCA  
 TCATTTTGACAGTCATCATATTGTGGTAGTGTCTAATGGGATTTGTAGGAGCTGTGTACATGTACCG  
 AGAGTACCAAAATCGGAACTCAATGCTCCCTTTTGGACCATCGAGCTGAAAGAAGACAATATCAGTTTC  
 AGCAGCTACCATGACAGCATCCCAATGCAGATGTGTCGGGATTGTTAGAGGACGATGCCAATGAAGTGG  
 CTCCAATGGGCAGCTGACCCTGACAACACCTATTATAACTACAAGCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_172694
- Insert Size:** 1803 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\\_172694.2](#), [NP\\_766282.1](#)

**RefSeq Size:** 3062 bp

**RefSeq ORF:** 1803 bp

**Locus ID:** 230316

**UniProt ID:** [Q8BH27](#)

**Cytogenetics:** 4 C2