

Product datasheet for **RN202212**

Megf6 (NM_022955) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Megf6 (NM_022955) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Megf6
Synonyms:	Egfl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202212 representing NM_022955 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTCCGGGCGGAGGCGAGGGCGGCTTGGCGGTGGTGGCCCTGGCGCTGCTGCTCCCCGCAA
TGCCTGCAGCCTCCCGCCGCTAACCCGCGCCGCTGCAGCCGAGCATGCCACAGTGTGTGCAGAACA
GAAGCTGACCCTGGTGGCCACCGCCAGCCTTGTGTGCAAGCCTTCAGTCGCATAGTGCCTGTGTGGAGG
AGGACAGGCTGCGCACAGCAGGCGTGGTGTATTGGCCAAGAGCGCAGGACTGTGTACTATATGAGCTACA
GGCAGGTATATGCCACAGAGGCCGAACGGTGTTCAGGTGCTGCCCTGGCTGGAGCCAGAAGCCTGGCCA
GGAAGGCTGCCTCTCAGATGTGGACGAATGCGCCAGTGCCAACGGGGTTGCGAGGGCCCATGCTGTAAC
ACTGTGGGTGGCTTTTACTGCCGCTGCCACCCGGCTACCACTGCAGGGTGACGGCAAAACCTGCCAAG
ATGTGGATGAATGTGAGCACACAATGGTGGTTGTCAACACAGGTGTGTGAACACCCCGGTTCTTACCT
CTGTGAATGCAAACCTGGCTTCCGGCTCCACACAGATGGCAGGACCTGCCTGGCCATCAGCTCCTGCACT
CTGGGAAACGGTGGCTGCCAGCACCAGTGTGTACAGCTCACAGTGACACAGCACCCTGCCAGTGCCGGC
CCCAGTACCAGCTGCAAGAGGATGGCAGGCGCTGTGTGCGGAGAAGCCCGTGTGCAGAAGGCAATGGTGG
CTGTATGCATATATGCCAGGAATCCGGGGCCTTGCCCACTGTGGCTGCCACCCCGGTTACCACTTGTCT
GCAGACCGCAAAACCTGTGAAGATGTGGATGAATGTGCTTTGGGGCTGGCCAGTGTGCTCATGGCTGCC
TCAACACTCAGGGATCCTTTAAGTGTGTGTGCCACGACAGGCTATGAAGTGGGCGCCGATGGCCGGCAGTG
TTACCGGATCGAGATGGAGATTGTGAACAGCTGTGAGGCTGGCAACGGTGGGTGCTCCCACGGCTGTAGC
CACACCAGCACTGGGCCCTGTGCACCTGCCCTCGTGGTTACGAGTTGGATGAAGACCAGAAGACCTGTA
TCGACATCGACGACTGCGCCAATCTCCGTGCTGCCAGCAGGCATGTGCCAACACCCCTGGTGGGTATGA
GTGCAGCTGTTTCGTGGCTACCGGCTCAACACGGACGGCTGTGGCTGTGAGGATGTTGACGAGTGCGCC
TCTGGTACGGTGGCTGCGAACCACTGTTCTAATCTGGCGGGCTCCTCCAGTGCTTCTGTGAGGCCG
GTTACCGGTTGGATGAGGACCGCAGGGGCTGCACTTCCCTAGAAGAATCTGTGGTGGACCTGGATGGCCG
GCTGCCCTTTGTGCGGCCCTGCCACATTGCGGTGCTGAGGGATGAGCTGCCCGACTCTCCAGGAT



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GATTATGGGGCTGAGGAGGAGGCGGCGGAGGAGTTGCGTGGAGAACACACGCTCACTGAGAAGTTTG
TCTGCTTGGATCACTCCTTCGGGCATGACTGCAGCCTAACCTGCGATGACTGCAGGAATGGGGGACTTG
CTTCCCGGGCCAGGACGGCTGTGACTGCCAGAGGGCTGGACTGGAATCATCTGCAATGAGACTTGTCT
CCAGACACCTTTGGGAAGAATTGTAGCTCTCCCTGCACCTGTGAGATGGTGGGACCTGTGACCCGGTGT
TGGGAGCCTGCCGCTGTCTCCAGGCGTCAGTGGAGGCCACTGTGAGGATGGCTGCCCAAGGGCTTCTA
CGGCAAAACATTGCCGAAGAAATGCCACTGTGCTAACCGGGGCGGCTGCCACCGCCTCTATGGGGCTGC
CTCTGTGACCCAGGGCTCTATGGTCGTTTCTGCCACCTTGCTTCCCTGGGCTTCGGGCCAGGCT
GTTCTGAGGACTGCCTTTGCGAGCAGTCACACACAAGGTCTTGCAACCCGAAGGACGGTAGCTGCTCCTG
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CACCCTTGACACTGCCAGCCAGGTGTGGCTGTGACCCTGTGAGTGGCGAGTGTGGGACTCAGTGTCTC
CTGGCTACCAGGGGAAGACTGTGGCAAGAGTGGCGGTGGGAACATTTGGTGTGAAGTGTGAGTGTCTC
CTGTTCTGCGTTGGAGCGCTTGTACCGAGTCACAGGGGAGTGTCTGTGCCACCAGGGAAGACTGGG
GAGGACTGTGGAGCTGATTGTCCGAGGGCGGTTGGGGCTCGGCTGTCAAGAGATCTGCCCGCATGTG
AGCACGGAGCCAGCTGCAACCTGAGACTGGAACCTGCCTGTGTCTCCCTGGCTTTGTTGGTAGCCGCTG
CCAGGACACTTGCTCAGCAGGCTGGTACGGGACTGGCTGCCAGATAAGGTGTGCTTGTGCCAACGATGGG
CATTGTGACCCAAACCACGGACGCTGTAGCTGTGCCCCGGGTGGACTGGCCTCAGCTGCCAGAGAGCCT
GTGACAGTGGACACTGGGGGCCGACTGCATCCACCCTTGCAACTGCAGTGGCGGCCATGGGAATTGTGA
CGCCGTGAGTGGCTCTGCCTGTGTGAGGCCGGCTATGAAGGTCCACGGTGTGAGCAGTCGTGTGCCAG
GGATACTATGGGCCCAGCTGTGAGCAGAAGTGCAGATGTGAGCATGGGGCTGCCTGTGACCATGTGAGTG
GGGCTGTACCTGCCAGCCGGCTGGAGGGGAAGCTTCTGTGAACATGCCTGTCTGTGGCTTCTTTGG
GTTAGACTGTGACAGTGCCTGCAACTGCTGTGCCGGGGCACCTGTGATGCTGTACCCGGCTCATGCATC
TGCCAGCTGGCCGCTGGGGGCCACGCTGTGCCAGAGTTGCCACCCCTCACCTTCGGGCTTAAGTGA
GCCAGATTTGTACCTGTTTCAATGGGGCTCCTGTGACTGTGTACAGGGCAATGCCACTGTGCCCTGG
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CTTTGCCCAACGAGGGAGATGTGACCCATCTTGGGCCAGTGACGTGCCAGAGGGTTGGACCGGCT
TGGCCTGTGAGAACGAGTGCCTTCTGGACACTATGCAGCCGGTGTGAGCTCAACTGCAGTTGCCTTCA
CGGGGGCATATGTGACCGGCTTACCGGCCACTGCCTTGCCAGCTGGCTGGACTGGGACAAGTGTGAG
AGCTCCTGCGTCAGTGGCAGTTTGGGGTTCAGTGTGAGGAACACTGTGCTTGGCGAAAGGTGCCTCCT
GCCACCATGTGACAGGGGCTGCTTGTCTCCTCAGGATGGAGGGGCCACACTGTGAGCAGGCCTGTCC
ACGCGGATGGTTTGGAGAGGCTGTGCTCAGCGTTGCCTTGCCCAACCAATGCCTCCTGCCACCATGTC
ACTGGGAGTGCCGCTGTCCACCGGCTTACTGGGCTTGTGAGTGTGAGCAGGCTTGTGAGCTGGCACCT
TTGGAAAGGACTGTGAGCAGCTGTGCCAGTGTCTGGTGTGAGACCTGGGCTGCGACCTGCTTCAGGGGT
CTGCACGTGTGCCGCTGGTTACCATGGCACCAGGCTGTCTGCAAGATGCCCATCTGGGCGCTATGGGCCG
GGCTGTGAACACATTTGTAAGTGTCTCAATGGTGGGACCTGCGACCCAGCCACGGGAGCCTGCTACTGTC
CTGCTGGGTTCTTTGGGGCCGACTGCAGCCTTGCTGTCCACAGGGTGGCTTTGGCCCCAGCTGTGCCCA
CGTGTGTGATGCAGGCAAGGGGCGGATGCGACCCGGTGTGGGGGCTTGCATCTGTTCTCCGGGAAG
ACGGGGGTCCGCTGTGAGCATGGCTGTCCCGAGGACCGGTTTGGCAAGGGCTGTGAATCAAGTGTGCT
GCAGGAATGGGGGCTGTGTGATGCTACCAACGGCAGCTGTTCTGCCCTGGGCTGGATGGGGCTCA
CTGTGAGCAGCCTGCCCTGCTGGGCGCTATGGTGTGCTGCTGCTGCTGAGTGTGCTGTCAGAACAA
GGCAGCTGTGAGCTACACGGGCGCTTGCTCTGTGGCCCTGGCTTCTACGGTCAAGCTTGTGAACACT
CTTGCCCCCTCCGCTTCCATGGACCTGGTTGCCAGAGAGTTTGTGAGTGTCAACAGGGAGCCCCCTGTGA
CCCTGTGAGTGGCCAGTGCCTCTGCCCTGCTGGCTTCCATGGCCAGTTCTGTGAGAAGGGGTGTGAGTCA
GGCTCTTTTGGAGATGGCTGCCTGCAGCAGTGTAACTGCCACACGGGTGTGCCCTGTGATCCCATCAGCG
GCCTCTGCCTTTGCCGCTGGGCGGACAGGAGCCGATGTGACCTGGATTGAGAAGGGGCGCTTTGG
GCCGGGCTGCGCCTGCGCTGTGATTGCGGGGGTGGGGCCGACTGCGACCCCATCAGTGGGAGTGCCAC
TGTGTGGACAGCTACATGGGACCACTTGCCGGGAAGTGGCCACACAGATATCTCTAGCAGACCAGCAC
CCCAGCACCCAGCAGCAGGGCCATGAAGCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_022955
Insert Size:	4725 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:	<u>NM_022955.1</u> , <u>NP_075244.1</u>
RefSeq Size:	5523 bp
RefSeq ORF:	4725 bp
Locus ID:	65049
UniProt ID:	<u>O88281</u>
Cytogenetics:	5q36