

Product datasheet for **MC201737**

Eml3 (NM_144872) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eml3 (NM_144872) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eml3
Synonyms:	BC022146
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023878 sequence for NM_144872
 CCACGCGTCCGGTTTGTGCTGCAGCGCAGGGGCTCCGGACGGCCCGTCACCGCACCCCGGGAGCCTAACCCGAGAGAGTAAAGAACCAGGTTCCACAGCGCCCCCTCTAACTCCTGACCCCCACGCTCGTCAGCGCCC
 CCGAGGGGTGGCAGCGCTCCCCTCCGCGCGCGCTCGAGTGCTTCCCTCCTCCTAGCCATGGCCCCCGCGGCTTAGACGCTCCGACGACGCTGCTCGGAGCAACGCGGGGGCCGATGGACGGGGCTGCGGGGCCGGTAGAGGCCCTGCTCATGAGACCCTGCAGACCCTGAGCCAGCGACTTCGGGTGCAGGAAGAAGAGATG
 GAACGTGGTAAAAGCGGCTTTAGCAGAAGCCCTTCGCTGCTGCGGCTGCATGGCTCCACCACAACCTGAGGGCTCTGGCATATCAGCCCCGACAAGGAACAGCAGCATCACAGTCCCTCCAGGACTGCCACCTACATG
 CAGCCCTTCCCTTGGTGACCAGAGGCACCCAAACGGAAGAAGAATTGGAGATTGTTCCATCCTCTGGACCCCTGGCCTGAGCAATGGTCTCCAGCTCTTCAGGGGGCAGTGAAGAACCTAGTGGGACCCAGTCTGAAG
 GAGGGTGCAGCAGCAGCAGTGGGCAGGCTCCCCTGGCCCCCAGGAATCCTCAGGCCGTGCAGCCTCTCAGCGTTCTGACACGCCCCGAAGAAATCTTCTCCTCCTCCTCCCCTCAGAGCGGCCAGGCAGAAA
 CTCTCCAGGAAGGCAGCTTCTCAGCTAACCTGCTATTGCGGTGAGGAGCACAGAGAGCCGGGGAACA
 AAGACCCTCTGTCCAGTCTGGGGTCCGGATCTCGGAGGAGCAATTATAACTTAGAAGGCATTTTCAGT
 GAAGATGTTCCCTCGTGGCGTCCCATCACCATGTACATTCGGTCTGGCATCCGAAGTCTTGAGGAGCTG
 CCCAGCGGCCCGCCCCAGAGACCTGAGCCTCGACTGGGTTTATGGGTACAGGGGTCTGATTCTCGCT
 CTAATCTATTTGTGCTGCGCTCTGGGGAGGTGGTCTACTTTATTGCCTGTGTAGTGGTGTGACCGGCC
 TGGGGAGGCCAGGGGGTCTGGAGGTGGCGCCAGAGACATTACCGGGGTACACAGACTGCGTTCTGA
 TGCTTGTCTGTTACCCTGATGGTGTTCGTGTAGCCTCAGGACAGACAGCTGGAGTGGACAAGGATGGAA
 AGCCCCCTCAGCCCGTGGTTCATATCTGGGACTCAGAGACTCCTAAAAGTGCAGGAGATTGGACTGGG
 TGCTTTGAGCGAGGTGTGGGGCCTTGGCCTTTTCAGCAGCGGATCAAGGTGCTTTTCTGTGTGGTG
 GATGATTCCAATGAGCACATGCTGTGAGTGTGGACTGTAGCCGGGAGTGAAGCTGGCTGAGATTAAGA
 GTACAAATGACTCAGTCTCGTGTGGTTCAGCCCTCGTGCAGCAGCTGTATTGTACCAGTGGGAA
 ATCGCATGTCCACTTTTGGAACTGGAGCGGTGGGACAGGGGCTCCCGGAATGGGCTCCTCGCCCCGAAG
 CAGGGTGTTTTGGGAAATACAAGAAACCAAGTTCATCCCTTGTCTTCTTCTGATGGAGACA
 TCCTCACTGGAGATTCAGGGGAACTTCTTACCTGGGGTGAAGTGTCTCAGATTCCAAGACCCAGG
 CAGGGGTGGGCCAAAGAGACCTACACGATCGTGGCCAGGCCATGCTCAGAGGGTCCATCTTTGCC
 CTGTGTCTCCGCCGGATGGGACAGTGTGAGTGGTGGTGGCGGGACCGACGACTGGTGCAGTGGGGC
 CCGGGTGGTGGCCCTCCAGGAGGCAGAGATTCCAGAACACTTTGGAGCTGTGAGGGCCATTGCTGAAGG
 GCTTGGCTCTGAGCTGCTGGTGGAAACCAAAGAATGCATTACTGAGGGGAGATCTGGCTCAAGGCTTC
 TCCCCTGTTATCCAGGGCCACACTGATGAGCTCTGGGACTGTGTACACATCCGTCACAGAAATCGTTCC
 TCACTGTGGCCATGACCGGCAGCTCTGCTGTGGGATGGGGAAGGCCATGCACTGGCCTGGAGCATGGA
 CCTAAAGGAGACGGGTTTATGTGCTGACTTCCACCAAGTGGGGCAGTTGTGGTTGATAGGACTGAACACA
 GGGAGGTGGTGGTTTTGGACACAGAGACCAGAGAGATTGTATCCGATGTCACTGACGGCAATGAACAGC
 TCTCAGTTGTCCGGTACAGCCCAGATGGGTTGTACCTGGCTATTGGTTCCCATGACAACATGATCTACAT
 CTATAGTGTTCAGTTGTGGCACTAAGTCCAGCCGCTTTGGCAGATGTATGGGGCACTCCAGTTTTATC
 ACTCACCTGACTGGTCCAAGGATGGGAATTTTCATCATGTCCAATTCTGGGGATTATGAGATTCTTTACT
 GGGATGTGGCTGGAGGCTGCAAACCTGCTGAGGAACCGCTATGAGAGCAGAGACCGGGAGTGGGCTACCTA
 TACCTGTGCTGGGCTTCCACGCTATGGTGTGTGGCCTGATGGCTCTGATGGGACAGACATCAACTCC
 CTTTCCGCTCCACAATGAACGGGTGGTGGCTGTGGCAGACGACTTCTGCAAAGTACACCTCTTTCACT
 ACCCATGTGCTCGAGCCAAGGCGCAAGTCTGATGTAAGTACTCAGGCCATGGCAGCCATGTGACTAGTGTCCG
 GTTCACGCACGACGACTCATACCTTGTCTCCTTAGGTGGCAAGGATGCTAGCATCTTTAGTGGCGAGTG
 CTGGGGGAGGGAGCTCTGGGCCGCTCCTGCCACACCATCTAGAACGCCCTCTGTGCCCTGCCTCCT
 CCCTGGACGTGTGATTGATGCTGGATGGTCTTGTCCCTCTGGTACTGTGGTCTGGCCCCACCCTGGCCAA
 AACCCCTAGGACCAAGGACAGTCTTTTCTGTGCTGGCTTTTCTTTGACTTCATACATTCCAATTGCG
 CATTTTTCTGGAGGGGCTAACCCCCACTGCACAAAAATAACAACAGACTTGTGGCTGAGCCAGGCA
 ACCCAGCTCCGACACCCTCTGCTCGGTGAGGGGAATAAAAAGAAAAAAGTAAAAAAGAAAAAAGAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144872
Insert Size: 2694 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:	<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:	BC023878 , AAH23878
RefSeq Size:	3229 bp
RefSeq ORF:	2694 bp
Locus ID:	225898
UniProt ID:	Q8VC03
Cytogenetics:	19 A
Gene Summary:	May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.[UniProtKB/Swiss-Prot Function]