

## Product datasheet for **MC201284**

### Elmod3 (NM\_144917) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Elmod3 (NM_144917) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Elmod3
Synonyms:	A1844780; C330008I15Rik; Rbed1; RBM29
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC016193 sequence for NM\_144917  
 CCCACCTGAACATGAGTCATGAGTGAAACATCTTGCTCTTTTTTATTGAGAAAGAATTTCAAGATGGGC  
 AGCTAGAAAAATGTCTCTGCTGGGCTCTTTCATCGTACAAGGACAAGGGTGCACCTCATGGCTTTCAGAGG  
 AATTCCTATCTCCGAGCTGACGAACCATGGCATTCTCCAGGCCCTGACGGCAGAAACCAATGGGTGGCAG  
 CCAGGTGTTGTGAGTGAAGAGGTCTCAGAGCCCAGGAAGAGTGGGAAGTGGTGGACACCATCCATCCAG  
 ACATAGAGAGTGGAGTCCACTGCCAGCAGCCTGGCCAGCTCATCTCCTTCAACGAGGCCCTGGAGCACTT  
 CCAGAGTGTGGACCTTTCTCTTTCAAGAAAAGAATCCAGCCCACTATTCAAAGGACTGGGCTCGCCGCC  
 CTCGGCATTGCCTTTTCGGGCCGCCAAAGCTGCACCAGGGTCTTCGGGAAGAAAAGAGACTTGGTTCTCA  
 CCATTGCTCAGTGTGGCCTGGACAGCAAAACCAACGCATGGCCGAGTGTCCAGACCATCTACAAGAA  
 GCTGACTGGCTCCAAGTTCGACTGTGCCCTTACGGAGACCATTGGGAAGACCTGGGCTTCCAGGGAGCA  
 AACCCAGCCACAGACCTCCGGGGGCGAGGCTTCTGGCCCTCCTGCACCTACTCTACCTGGTCATGGACT  
 CAAAGACGTTTCTGATGGCCAGGAGATCTTCCGCCTGTCTCATCACCATATCCAGCAATCCCCTTCTG  
 TTTGATGTCTGTGAACATCACCCGATTGCCATCCAGGCCTTGAGAGAGGAGTGTCTCTCCAGGGAGTGT  
 AATCGGGCGCAGAAGTTCATCCCGGTGGTGAACAGCTTCTACGGGCTACTTTCTTTCATCTGGCTCGCG  
 TGTGGAGGACCCAGCAGAAGACTATTTTAGACTCAGGCTTTGTCTCAAAGACTTGAAGCGTTGGCCAA  
 GAAGAGCCCAAAACGACTGCTCAAGACCCTGGATGACTACCTCGCCAGGTGTCAAAGGGACAGACCTCC  
 TTGTTGGAGGCACACAAGCGCCCTGGATCACAGGGACCTCACTCCAGGGATCTCACTTTTACAGGCGTGT  
 GTGACCTCGAGTCTCACTCATTCCGAGAGTGCAGGGTTGATCTGACCCACCACGGAGAGACCAGGACAGGC  
 TGGGTCTGCTGGGCTCTCTGAACTAAAGAATCATGTCTGGGCCAAAGCCCTTCGTGCCCTGCAGATGAG  
 ACTAGGAGGCTCCCGGTGTGTGTAGTGACACCCACGCCACATTTCTACATCAGCAGAGCACATTCAGG  
 CAGCTAGAATTACCCCCCATGCCGTCTCCAAGCAGGAGTCTTCTGTCTTCCAGCTGGACTCCACT  
 TCACAGGGTTGGACTCCTGATATCTCAGTGGAACTGAACAGAGCACAGGGCCAGACAGCCCTATCAGAAT  
 TGCTACACGCTGCACCTAGAGGCAGAGACCCTGGAAGCAACAGCCAAGATTCTGACTCCCAACAGCTG  
 TCCCCAGTGTCTGTGGTTGGAATTGGAAGGACAGAGACAGCAATATCTTACGCCATCAGGGGGCAGCACA  
 ACACAGAAAAAGTGAAGTATAGGAGGTCCTCTTCTCCAGCCACCGATTTTTCAAGACACTGTTTTC  
 CACCCTACCCTTCTCCTTTTCCCTCCCTCTCCTTTGCCACCATTTGTTGTAATCTAGAAATGGGTAC  
 TCGGCTGGCTAGACTAGTCATTGAGCGTCCCACCCCAACGCCACAGGCTGGAGCGCCTATGGAGACCA  
 CTACCTATCTACCCTGGCTGAGAGGCAAAGGAACTCACCCACCAGCAGTTTTAGAATAAAGGAATTGTT  
 GTAATCTCTGAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_144917

**Insert Size:** 1146 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>BC016193</u> , <u>AAH16193</u>
RefSeq Size:	1922 bp
RefSeq ORF:	1146 bp
Locus ID:	232089
UniProt ID:	<u>Q91YP6</u>
Cytogenetics:	6 C1
Gene Summary:	Acts as a GTPase-activating protein (GAP) for ARL2 with low specific activity.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.