

Product datasheet for **MC214308**

Elmod1 (NM_177769) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elmod1 (NM_177769) Mouse Untagged Clone
Tag: Tag Free
Symbol: Elmod1
Synonyms: 4831417L10; AI428506; AI834991
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214308 representing NM_177769
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGCACTTCCTGAGGATGTTGATCCAGGTGTGCCTGTATTTTTATTGTAATTTTTGTGGCGCTGCA
TGAAGTTTGTGATGCGGAACTCACCGAAGGTGTGAAGTCAAAAGGATTTGCTACGGCACCAAACCTGG
AGCTTCCAGAACCATGAAAATTGAAACGTCAGAGATTCAAAAGCAAGCTGTTGCAGACATCCGTG
AGTGTTATCCTGATGCTATTGAAAAGACTATTGATGACATCATGGAATTGAAAAAATTAACCTGACA
TCAATCCACAGTTGGGGATCTCTCTCCAGGCTTGCCCTCCTGCAAAATCGTGGGTTACAGAAACCTCATTGC
AGATGTGGAAAACTGCGCAGAGAACCCTATGATTCCGACAACCCCGAGCATGAAGAGATGCTTCTGAAG
CTATGGGAGCTCCTGAAGCCCAACACTCCACTGGAGTCTCGGGTTTCGAAGCAGTGGTGTGAGATCGGCT
TCCAAGGCGATGATCCGAAAACAGATTTCCGAGGAATGGGTCTTCTGGGACTTTACAATTTGCAATATT
TGCAGAACGGGATGCCACCGTGGCTCAGCAGGTCTCTCCGACTGTCCATCCAAAATGCAGCAAATTC
AGCAAAATAGAATGGGAAAAGAAAAGATGGATAAAGCCATTGGGTACTCCTTTGCAATTTGTGGCATCA
ATATCACCGACCTGGCATATAATCTGCTGAGCGGCGCTCTAAAAACACTTCTACAACATTTGCCCC
CGAAGCTCCGACACTGTCTCACTTCCAACAACATTCTGCTATTTGATGCACGAGTTTCACAAGTTTTGG
ATTGAAGAGGACCCCATGGACATAATGGAGTTTAAATCGCGTGAGGGAGAAATCCGCAAGAGGATCATAA
AACAGTGCAGAACCCAGATATGGCGCTGTGCCGCATTTTGTGCATCGGAAGTTTAATCAACATGTA
G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177769



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Insert Size:	981 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:	<u>NM_177769.4</u> , <u>NP_808437.2</u>
RefSeq Size:	2605 bp
RefSeq ORF:	981 bp
Locus ID:	270162
UniProt ID:	<u>Q3V1U8</u>
Cytogenetics:	9 A5.3
Gene Summary:	Acts as a GTPase-activating protein (GAP) toward guanine nucleotide exchange factors like ARL2, ARL3, ARF1 and ARF6, but not for GTPases outside the Arf family.[UniProtKB/Swiss-Prot Function]