

Product datasheet for **RN216391**

Elmod1 (NM_001191579) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elmod1 (NM_001191579) Rat Untagged Clone
Tag: Tag Free
Symbol: Elmod1
Synonyms: RGD1564186
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216391 representing NM_001191579
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCACTTCCTGAGGATGTTGATCCAGGTGTGCCTCTATTTCTACTGTAAATTTTTGTGGCGCTGCA
 TGAAGTTTGTGATGCGTAAGCTCACGGGAAGGTGTGAGCTGCAAAGGATTTGCTACGGCACCAAACCCGG
 AGCTTCCAGAACCATGAAAATTGAAACGCTCACTGAGAGATTCAAAAAGCAAGCTGTTGCAGACATCAGTG
 AGTGTTATCCTGATGCTATCGAAAAGACTATTGATGACATCATGGAATTGAAAAAATTAACCCCTGACA
 TCAATCCACAGTTGGGAATCTCTCTCCAGGCTTGCCCTTCTGCAAATTGTGGGTTACAGAAACCTCATTGC
 AGATGTGGAAAACTGCGCAGAGAACCCTACGATTCCGACAACCCCCAGCATGAAGAGATGCTTCTGAAG
 CTATGGGAGTTCCTGAAGCCCAACACTCCACTGGAGTCTCGGATTTCTAAGCAGTGGTGTGAGATTGGCT
 TCCAAGGTGATGATCCGAAAACAGATTTTCGAGGAATGGGTCTTCTGGGACTTTACAATTTGCAATATT
 CGCAGAACGGGATGCCACGGTAGCTCAGCAAGTCTGTGTGACTCTGTTCCAAAATGCAGGGATATC
 ACTAAGGAGGAAATAAGCAAATTCAGCAAACAGAATGGGAAAAGAAAAAGATGGATAAAGCAATTGGGT
 ACTCCTTTGCAATCGTGGGCATCAATATCACCGACCTGGCATATAATCTGCTCGTGAGCGGCCGCTGTA
 AACACATTTCTACAACATCGCTCCGAAAGCTCCAACACTGTCTCACTTCCAGCAAACATTCTGCTATTTG
 ATGCACGAGTTTCACAAGTTTTGGATTGAAGAGGACCCCATGGACATAATGGAATTTAACCGCGTGCCGG
 AGAAATTCGCAAGAGAATCATAAACAGCTGCAGAACCCAGACATGGCGCTGTGCCACATTTCTGCTGC
 CTCTGAAGGTTAATCAACATGTAG

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191579



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Insert Size:	1005 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191579.1, NP_001178508.1</u>
RefSeq Size:	2471 bp
RefSeq ORF:	1005 bp
Locus ID:	315670
Cytogenetics:	8q24