

## Product datasheet for RN204732

### Elmod3 (NM\_001013087) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Elmod3 (NM_001013087) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elmod3
Synonyms:	Kcmf1; Rbed1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204732 representing NM_001013087 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGAACATCTTGCTCTTTCCTTATCGAGAAAGAATTTCAAGATGGACAGGTAGAAAGTGTCTCTG  
CTGGGCTCTCGCCATCATAACAAGGACAATGGTGCCTCATGGCTTTCAGAGGAATTCCTATCTCAGAGCT  
GAAGAACCATGGCATTCTCCAGGCTCTGACAGCAGAACTAACGGATGGCAGCCAGGTGTTGTGAGTGCA  
GAGATGCTCCGAGCCAGGAAGAATGGGAGGTGGTAGACACCATCCATCCAGACATAGAGAGTGGGGTCA  
GCTCCCAGCAGCCTGGCCAGTTCATCTCCTTCAACGAGGCCCTGGAGCACTTCCAGACTGTGGACCTCTC  
CTCTTTCAAGAAAAGAATCCAGCCGACTATTCAAAGGACTGGGCTCGCTGCCCTCCGGCATTGCCTCTTC  
GGGCCACCAAAGCTGCACCAGGGTCTTCAGGAAGAAAGAGACTTGGTTCTCACCATTGCTCAATGTGGCC  
TGGACAGCCAAAACCAACGCATGGCCGAGTGCTCCAGACCATCTACAAGAAGCTGACTGGCTCCAAGTT  
CGACTGTGCCCTGCACGGAGACCATTGGGAAGACTGGGCTTCCAGGGAGCAAATCCAGCCACAGACCTC  
AGGGGAACAGGTTTCTGGCCCTCTGCACCTCCTGTACCTGGTCATGGACTCTAAGACTTTGCTGATGG  
CGCAGGAGATCTTACGCCTATCTCATCACCATATCCAGCAATCCCCTTCTGTTTGTGTCTGTGAACAT  
CACCCGCATTGCCATCCAGGCCTTGAGGGAAGAGTGTCTCTCCAGGGAATGTAACCGTCGGCGGAAGGTC  
ATCCCAGTGGTGAACAGTCTACGCAGCTACTTTCCTTACCTGGCAGCAATGTGGAGGACCCAGCATA  
ACACTATTTTAGACTCAGGCTTTGTCTCAAAGAGCTGGGGATCGAACCCAGGGCCTTGCCTCGATAGG  
CAAGCGCTCTACCGCTGAGCTAAATCCCAACCCGCACCTGCCTTCTTGTGTGGGACTACAGTCGAGCC  
TTCATGCATGGCTCCCGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001013087
<b>Insert Size:</b>	1071 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001013087.1</a></u> , <u><a href="#">NP_001013105.1</a></u>
<b>RefSeq Size:</b>	1757 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	297342
<b>UniProt ID:</b>	<u><a href="#">Q5XIQ2</a></u>
<b>Cytogenetics:</b>	4q31
<b>Gene Summary:</b>	Acts as a GTPase-activating protein (GAP) for ARL2 with low specific activity.[UniProtKB/Swiss-Prot Function]