

Product datasheet for **SC127284**

ELMOD1 (NM_018712) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELMOD1 (NM_018712) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELMOD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018712, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCACTTCCTGAGAATGTTGATCCAGGTATGCCTGTATTTTACTGTAAATTTCTGTGGCGCTGCC
TGAAATTTGTAATGAGGAAGCTAACTGGAAGATGTGAACTACAACGGATCTGTTATAATACCAAGCCGGG
AGCTTCTAGAACCATGAAAATCGAAACATCACTGAGGGATTCTAAAAGTAAGCTGTTGCAGACTTCTGTG
AGTGTTCAACCCGACGCTATTGAAAAACTATAGAAGATATCATGGAAGTAAAAAATTAATCCTGACG
TAAATCCACAGCTGGGAATCTCTCTTCAGGCTTGCCTTCTGCAAAATCGTTGGGTACAGGAACCTTATTGC
AGATGTGGAAAACTGCGTAGAGAGGCCATGATTCTGATAATCCCAACATGAAGAAATGCTTTTGAAG
TTATGGAAATTTCTGAAGCCCAATACTCCACTGGAATCTCGGATTCTAAGCAGTGGTGTGAAATTTGGTT
TCCAAGGTGATGATCCTAAAACAGACTTTCGAGGAATGGGACTTCTGGGACTGTACAATTTGCAGTATTT
CGCGGAAAGGGATGCCACAGCAGCTCAGCAGGTCTGTCTGACTCTTTCATCCGAAATGCAGGGATATC
ACTAAAGAAGAAATAAGCAAATTCAGCAAAGCAGAATGGGAGAAGAAAAGGATGGATAAGGCAATTTGGGT
ACTCATTTGCAATTTGGGCATCAATATAACTGACCTGGCATATAATCTACTGGTCAGCGGAGCTCTAAA
AACCCATTTCTACAATATCGCCCCAGAAGCTCCAACATTTGTCTCACTTTCAGCAAACATTCTGCTATTTG
ATGCATGAATTTTATAAGTTTTGGATCGAAGAGGACCCCATGGACATAATGGAATTTAATCGTGTGAGGG
AGAAATTCGCAAGAGGATCATCAAACAGCTGCAGAACCAGACATGGCGCTGTGCCACATTTTGTCTG
CTCGGAAGTTTTAATCAACATGTAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018712 unedited GTAATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGCGCCGCCAGAGTCCAGT TGACACTTACTTTGACAAAGGCAAATTTGGAAGCAATTACTTGAGGACAGTTCATATAGC ATCTGGACAGTCAACACGGGCACCATGAAGCACTTCTGAGAATGTTGATCCAGGTATGC CTGTATTTTTACTGTAATTTCTGTGGCGCTGCCTGAAATTTGTAATGAGGAAGCTAACT GGAAGATGTGAACTACAACGGATCTGTTATAATACCAAGCCGGGAGCTTCTAGAACCATG AAAATCGAAACATCACTGAGGGATTCTAAAAGTAAGCTGTTGCAGACTTCTGTGAGTGTT CACCCCGACGCTATTGAAAAAACTATAGAAGATATCATGGAAGTAAAAAATTAATCCT GACGTAATCCACAGCTGGGAATCTCTCTCAGGCTTGCCTTCTGCAAATCGTTGGGTAC AGGAACCTTATTGCAGATGTGAAAAAACTGCGTAGAGAGGCTATGATTCTGATAATCCC CAACATGAAGAAATGCTTTTGAAGTTATGGAAATCTTGAAGCCCAATACTCCACTGGAA TCTCGGATTTCTAAGCAGTGGTGTGAAATTGGTTTCCAAGGTGATGATCCTAANACAGAC TTTTCGAGGAATGGGACTTCTGGGACTGTACAATTTGCAGTATTTTCGCGGAAGGGATGCCA CAGCAGCTCAACAGGTCCTGTCTGACTCTTTCATCCGAATGCAGCANATTCAGCAAGCA GATGGGAGAAGAAAGGATGGATANGCAATTGGGGTACTCATTTNNNCATGGGNCATCATA TNACTGACCTGCATTAATCTACTGGTCAACGAGCTCTAAAAACCATTCTAAATATCGCCC AAAACTCAACATGGTTT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018712 unedited TTTTTTTTTTTTTTTTACAGNAGAAAGACATGTAATTTATTCATATAACTGACAATTAG GCAGTACTCAAAATTCATTTAAATAAGCAAGTGTTACACAAACATCTAATAACTATAAA ATTGATAGTCAGAAGGTATAAAATACCATGGGTATGAAATGCCATGGTAAATACTATTCA ACAGACTACAATCATAATTCCAACTAAATCATGGTTTTTAAAATGATTTTTAGCAGTTC TGGAAACAATTTGACTTTTCCCTTTCTAAGCAACTTACTTCTTCCACTGATACAAGACAAG GTCGTTATTTTCAAGAAATATCGCAGAGTGACTTAGCTTAGGTTGCTCTCTTGAACACA TTTTCTTGCAAATGTTTTTTAATATTGCCCTTGACATAGAAAACAACTAGTCAGCAC TTAGTTCCTCAAGCAAATATGCTTGGATCAGAACAGTGCCAGGGTGAACCCAGTTCGCG AAGAGGCAGGCAGTGAAAAACCTTTTGCAGCTTTTGAATATGCTTATTTCTTTTCTGAG GCTTCAAGCATCATACACTTAGGCATCCAAGCCAATGAAGTTATGGGAATAAAATAGTTT GATATACAGATGACTATGACACAATTGCAACTGGGGTGAGGGGAAGTTACAATATAATTT TGCAGTACTTCAAACA</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018712
Insert Size:	2770 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: [NM_018712.2](#), [NP_061182.3](#)

RefSeq Size: 2741 bp

RefSeq ORF: 1005 bp

Locus ID: 55531

UniProt ID: [Q8N336](#)

Cytogenetics: 11q22.3

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]
Transcript Variant: This variant (1) represents the longest isoform (1).