

Product datasheet for **MC224700**

Fhod3 (NM_175276) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fhod3 (NM_175276) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fhod3
Synonyms: A930009H06Rik; FHOS2; mKIAA1695
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224700 representing NM_175276
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCACGCTGGCTTGTGCGTGCAGTCTTTGGACGACACCGATCCTTTCAACAGCACCAACTCCCAG
AGCCAAGCCGGCCACCGCTGTTACATTCGCGAGGACCTGGCTCTGGGCACCCAGTTGGCCGGGTCCA
TCGGCTGCTGCGGGCGCCGACAAGCTCGATGACTGTACCCTGCAGCTGTCCACAATGGCGCTACCTG
GATCTGGAGGCCACGCTGGCGGAACAGCGGGATGAGCTAGAAGGCTTCCAGGATGACACAGGGCGGGCA
AGAAGAACAGCATTATTCTGAGGACACAGCTGTCTGTGAGGGTCCATGCCTGCATTGAAAAGCTGTACAA
CTCCAGTGGCCGAGATCTAAGAAGGGCCCTTTTCTCACTGAAGCAGATATTTAGGATGACAAGGATTTG
GTGCATGAATTTGTCATAGCTGAAGGTCTGACCTGTTTGTCAAAGTGGGAGCCGAGGCGGATCAGA
ATCAGAATACATCCTGAGGGCTCTGGTGCAGATTATGTTGTATGTGGATGGATGAATGGCGTCATCAA
CCACAGCGAGACCATCCAGTGGCTTTACACGCTCGTTGGTCAAGTCCGCCTGGTGTGAGGAGAGCC
CTGAAGCTTCTTCTGGTCTTTGTGGAGTATTCTGAGTCCAATGCACCATTCTCATTAGGCCGTTTCTG
CTGTCGACACAAAAGAGGTGTCAAACCCTGGTCCAACATCGAAATCTTGGAGAAAAGATGGAGT
TGACACAGAGCTATTGGTTTATGCAATGACTCTAGTGAACAAGACACTGGCAGGACTGCCAGATCAAGAC
ACCTTCTATGACGTAGTAGACTGCCTGGAAGAGCTGGGCATCGCCGCTGTGTCCCAAAGGCACTGAACA
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CACTGTCAGCTCCACCAGCCCTGCTCCCGTCTGTTCTGCCTTCAAACCCAGCCAAGTTCGAGACCT
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AGAGAGGACGATGCCAGTGTGAGGCAAGGACAGCAAGGCCAGCTCTGCCTCCGGTCAGAGCTCCCTG
GGAAGGATGCTGCTCCTGAGAGTTCTGCACTCCATACCACCTCAAGTCCACCTCACAGGGAAGGTGGCT
TCTGCCAGCACAGCAGCAGGAGCCCTGTGCTTGGTGGGACCTCTGGCCCTGAGGCCAGCCGGCCCTGCT
GCTCGCTTGTACCTCCAGCCCTGGCTTGGCCACTCGGCCCTCCACAGCACAAAGGTGTCTCAAACCA



TAGACAAGCTGCCCTACGTGCCCCACAGCCCCTTCCACCTCTTCTCCTATGACTTTGAAGATTCACCCCT
 CCTCACC AAGGACAAGGGAGGAGACTCTCAGACAGAAAACAGATACAGCAATTT CAGCAGCAACTCTTTC
 CAATCCTCCAGACCCTCTCCTGGACCTAGTGGGTCCCCATCTTATGCATCATCCTTCTCATCCCCACAGG
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 AACCGGGAATATCTAGACAAAAGGGAGGAGCAAGGCAAGCAAGAGGAGAAAGATACAAATACTTGGAGC
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 GGGAGCAGAGAGCCAAGAAGAGCCGGTCTGGAGCTAGAGCCAGAGGAAAGAGCTTCACTGAGTGAAAA
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 TCAGGATGTGGGTGAATGGACAGTGTGGTGACATCCTTACCAGCAAAAGGTTTCTGCTGGACATGCTG
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 AGGTGGAGGCAGTGGCCAGCCTCGCCACCAGGATATCCACTCTGCAGGCCAACTCTCAGGCCCCAGAGGA
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 AACAGTGGAGAAGTAGGGAGGGGTGCCATCTCTCTGATGTGGAGTCTCAGGACAAGTCCCGGATACAC
 CCCCAGCACAGCTGAAGACTGAGTCTGATTACATCTGGGACCAGCTCATGGCCAATCCGAGGGAGCTCAG
 AATCCAAGACATGGATTTACAGACCTAGGGGAGGAGGACGATATCGATGTTTTGGATGTGGATCTTGGC
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 CACCCCTGTTGGACAGCGTGCCTCCCCACCAGTCCCCGGTAATTTATTGGCTTCTCTGTGTTCAAAC
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 CGGCTGTTCTGGAACGAAGTCCGGCCCTTTGAGTGGCCAAGTAAGAACAATCGCCGGTGCAGGGAATTC
 TGTGGTCAAACTGGAACCCATTAAGGTGGACACTTCCAGACTCGAGCACCTGTTT GAGTCCAAGTCTAA
 GGAGCTGTCTGTACCAAGAAAACGGCTGCAGATGGTAAACGGCAGGAGATCATTGTTCTGGATTCCAAG
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 GAAGCAGAAAAATCCAGGAGGCTCAGCTGGCTAACCCGGAAGTCCCGTGGGCAGTGCAGAGCAGTTCCTT
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 CCACAGAAAAGGAAGTGGCCGAACCACTTTTGGACCTGAAGGAAGGAATAGACCAGTTGGAGAACAATAA
 GACTCTGGGCTTCACTCTGTCTACTCTCCTTGCCATTGGGAATTTCTAAATGGAATAATGCCAAAGCA
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 ACGTGTGCACCATGGTAGTGGAAAACCTTCCGGACAGCTCGGATCTGTACTCAGAGATTGGGGCCATCAC
 TAGGT CAGCCAAGTTGACTTTGATCAACTCAGGATAATTTATGT CAGATGGAGAGACGCTGCAAAGCT
 TCATGGGACCACCTCAAGGCGATTGCAAAACACGAGATGAAGCCTGTTTTGAAACAGCGGATGTCAGAGT
 TCCTAAAAGACTGTGCAGAGCGAATTAATTTTAAAGATCGTCCATCGGAGGATAATTAACAGATTTCA
 CTCATTTTACTGTTTATGGGCCATCCCCCTTATGCAATTCGAGAGGTGAACATCAACAAGTCTGCAGG
 ATCATCAGTGAGTTTGCCTGGAGTATCGCACGACCAGGAAAGGTTCTACAGCAGAAAACAGAAGCGGG
 CCAACCACAGAGAGAGAAAACAAGACCAGAGGGAAGATGATCACTGACTCTGGCAAGTTCTCTGGCAGTTC
 TCCAGCAGCACCCGAGCCAGCCACAGGCTGAGCTATGCTGAGGATGCAGCCGAACATGAGAACATGAAG
 GCCGTGTTGAAAACCTCCTCCCCCTGCGCTGGAGGACGCCACCCAGTGTGGTGTCCGCACTCGCAGCC
 GGGCAAGCCGAGGATCCACTAGTTCATGGACTATGGAACTGAGGAGTACCTAGTGTCACTGATGATGC
 GGCTGATGAGATCATGGACCGATTGTCAAATCAGCCACCCAAGTCCCAGT CAGAGAGTGGTCCACGG
 GAGAGAAAAGCGTTCAGGGCCAACCGCAAATCTTTGCAAGGACCTTGAAGAGTGGCCTGACTCCAGAAG
 AAGCCAGAGCCCTGGCCTGGTTGGCACATCTGAACTGCAACTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_175276

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| Insert Size: | 4737 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: | NM_175276.4 , NP_780485.2 |
| RefSeq Size: | 6251 bp |
| RefSeq ORF: | 4737 bp |
| Locus ID: | 225288 |
| UniProt ID: | Q76LL6 |
| Cytogenetics: | 18 A2 |
| Gene Summary: | <p>May play a role in actin filament polymerization in cardiomyocytes (By similarity). Actin-organizing protein that may cause stress fiber formation together with cell elongation. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p> |