

Product datasheet for **RN217515**

Fhod1 (NM_001191600) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fhod1 (NM_001191600) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fhod1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217515 representing NM_001191600 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGCGAGGAAGAGCGCGGGGATGGGGACCCAGTATCAGTGGTGACTGTGAGAGTGACGTACCTGG
AAGACACCGACCCCTTTCGCTTGTGCCAACTTCCCGGAACACGCCGGGCCCCACCTGCAGCTTGGACGG
GGCTCTGCCCCAGTGCGCAGATCCCTGCTCTGCACCGACTCCTGGGAGCGCCTCTCAAGCTGGAGGAC
TGTGCGTTGCAAGTGTGCCCCCTGGATACTACCTGGACCCGGAGCTGTCCCTAGAAGAACACGCGGAGA
TGTGGAGGGCTTCTATGAAGAGATCAGCAAAGGGCGGAAGCCACATTGATCCTGCGGACCCAGCTCTC
TGTGAGGGTCAATGCTATCTTGAAAAGCTGTATGGCTCCAGTGGCCCCGAGCTCCGCCGATCCCTCTTT
TCATTAAAGCAGATATTCCAGGAAGACAAGGACCTGGTGCCTGAATTTGTACACTCAGAGGGTTGAGTT
GCCTGATCCGCGTGGGTGCTGCTGCTGACCACAACTATCAGAGCTACATCCTTCGAGCCCTGGGCCAGCT
GATGCTTTTTGTGGATGGGATGCTAGGGGTGGTGGCGCACAGTGAGACCGTGCAATGGCTGTATACACTG
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CAACTTGGTGTCCATCCTGGAGGAGAAGAATGGAGTTGATCCAGAGCTGTTGGTGTACACGGTCACTCTC
ATTAACAAGACACTGGCGGCGCTCCAGACCAGGACTCCTTCTATGATGTGACAGATGCTTTTGAGCAGC
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AACGCTCTATGAGAGCGCCCTTCGGTTAGAGGATGGAGATATGGAAGAGGCTGCAGCTGCTGCAGCTGCA
GGTGGCCGACGAGAGCGACGGAAGCCATCCTCAGAGGAGGGCAAAAGGAGCCGAAGATCACTAGAAGGTG
GAGGCTGTCTGTGCGTACCCAGAACCTGGCCCAACAGGCTCTGCCTCTCCAGTAGGCTCCGCCTCCTT
CACTGACTCCACCTCGCCTACAAGTTCGGCCTTCAGCCCTACTGGCCAGCCTCTGGTCTTCATACCTCA
GTGAACCTCTTCTACCATTTCTGTGGGGCCCTCAGTGGACACTTCTGTGAGAGAAGTGTCTACAAG
CCCGTTTTCTGGAGAATGTGGCAGCAGCAGAGACAGAGAAGCAGGCTGCTCTGGCCCAAGGCCGAGCAGA
GACGCTGGCAGGGCAACAGTGGATGAGACAGATGAGTCATCAGGCACCCAGGGAAGTGTGGGACTCTTCA
GAGCCAGCCTCTGCACCCAGACCACCTCAGAGCCCTGTTTCCCAATCGTGCTGCGGACCCAGAGAAGTC
TTGAGCCTGAGCCCAAGGAGCCAGTGTCACCACGAAGCCCTAAGACTGAGCCTGTCCAGGAGCTTCTAC



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TCACGTACCCAAGCTCTGCATTGGAGACTTGGACTTCTCAGATCTAGGGGAGGATGAAGACCAGGACACA
 TTGAATGTGGAATCTGTGGAGGCTGAAAAGCATCCCTGGTCTGTCACTTCCACCACCCTCCACCCC
 CACCTCCCCACCCATCATGGGCTCCTGCCTACCACCTCCACCCTGGCTGCTCTTTTCCCCACTCAGC
 CCTTGACGGCCCAAGGCACCCACCAAAAGGAAGACTGTAAAACCTTTCTGGCGGGAAGTAAAGCCGACT
 GGGAGCCCTGGGTGTTCTAGAAGCCGCTTTGGGCCTTGTCTACCTTGTGGGCCTCTCTGGAACCTGTCT
 CGGTGGACACAGCCCGGCTGGAACACCTATTTGAGTCCCGAGCCAAGGATGTGCTACCCACCAAGAAAGC
 TGGTGAGGGCCGCGGACAATGACCATAGTTCTGGACCCCAAGCGCAGCAATGCCATCAACATTGGCCTA
 ACCACTCTGCCACCTGTGCATGTCAAGGCTGCTCTGCTCAACTTTGATGAATTTGCTGTCAGCAAGG
 ATGGTATTGAGAACTGTGACCATGATGCCACGGAGGAAGAGCGACAGAAGATTGAGGAAGCCCAGCT
 GGCCAACCCTGATGTGCCCTCGGCCAGCTGAGAATTTCTGATGACTCTTGCTTCCATTGGAGGCCTG
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 TCAGAAGTAAAGGACACAGTGCCTGGCAGTCACTGCTGTATCATCTCTGTTCCCTGGTGTCCAGACCC
 GACCTGATTCTCTGACCTCTACTCAGAAATTCCTGCCCTCACCCGCTGTGCCAAGGTGGACTTTGAGCA
 GCTGACTGAGAACTAGGGCAGCTGGAGTGCCGGAGCCAGGCTGCTGAGGACAGCCTCCGGAGCTTGGCA
 AAGCATGAGCTATCCCCAGCTCTGCGTGCCCGCTTACCACTTCTGGCCCAATGTACCCGCCGAGTAG
 CCATGCTAAGAGTAGTACACCGTCGAGTCTGCAACAGGTTCCACGCCTTCCTTCTACTTGGGTACAC
 CGCACAGGCAGCAAGGGAAGTACGCATCATGCAGTTCTGTACACGCTCAGAGAGTTTGCATTGAGTAT
 CGGACTTGTGCGGAGCGGGTACTGCAGCAGCAGAGAAACGGGCTACATACCGCAACGCAACAAGACCC
 GGGGTGCGATGATTACTGAGACAGAGAAGTTCTCGGGTGTGGCTGGGGAGGTCCCAAGTAACTGTCTGT
 CCCAGTGGCTGTGGGCAGCGGGCCAGGTCGGGGTATGCTGACAATCATGCCAGTATGAAGAGTTTGCTT
 ACCAGCAGGCCAGAAGACGCCACACAGCCGACGTAGCAGAGGTATGGTCCAGAGTAGTCCCCCGTCA
 CACACACAACAGTAGGGCCCTTCACTGCATCCCCTGAGGAGACTGCAGCCTCTGGTTTACCTAGTGACAC
 ATCAGATGAGATAATGGACCTGTGCTGAGTCACTCACCAGAGCAGTCTAGAGCCTTGCTGCTCGG
 GAGAGGAAGCGCTCTCGTGGCAACCGGAAGTCCTTGAGGCGGACATTGAAGAGTGGAATTGGAGATGACC
 TGGTGCAGGCACTGGGACTAAGCAAAGCTCTGCCTAGAGGTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001191600
Insert Size:	3477 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:

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_001191600.1](#), [NP_001178529.1](#)

RefSeq Size: 3713 bp

RefSeq ORF: 3477 bp

Locus ID: 291964

Cytogenetics: 19q11-q12