

## Product datasheet for **RN204878**

### **Fh (NM\_017005) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fh (NM_017005) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fh
Synonyms:	Fh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204878 representing NM\_017005  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAACCGCGCATTCTGTCTCCTCGCTCGCTCGCTGCCGCGGTCCCCTCCGCCGGTGCTGTAT  
TGTGAGGGGAAGCGGCCACCCTCCACGGTGTGCTCCGAACGTCGTGCGAATGGCAAGCCAAAATTCCTT  
CCGTATAGAATACGACACCTTTGGTGAAGTGAAGTCCCAACCGATAAGTATTATGGTGCTCAGACTGTA  
AGATCTACGATGAACTTTAAGATTGGAGGTGCGACGGAGAGAATGCCAATCCCAGTCATTAAGCATTG  
GCATCTTGAAGCGAGCTGCTGCTGAAGTGAACCAGGAGTATGGTCTCGATCCCAAGATTGCTAGTCAAT  
AATGAAGGCCGAGATGAGGTAGCTGAAGTAAATTAACGATCACTTTCCTCTGGTGGTATGCCAGACT  
GGGTGAGAACCCAGACGAACATGAATGTAATGAAGTCAATAGCAACAGGGCAATCGAAATGCTAGGAG  
GTGAACCTGGCAGCAAGAAGCCCGTGCACCCCAATGATCACGTTAACAAAAGCCAGAGCTCGAATGACAC  
CTTCCCCACAGCAATGCACATTGCTGCTGCACTGGAAGTTCACCAGGTCCTGTTGCCAGGATTACAGAAG  
CTGCACGATGCCCTCAGTGCAAAATCCAAAGAGTTCGCGCAGGTCATAAAAATGGGCGGACTCATACGC  
AGGACGCTGTCCCTTACTCTTGGACAGGAGTTCAGTGGTTATGTTAGCAAGTCCAGTATGCGATGGA  
GAGGATAAAAAGCTGCCATGCCAGAATCTACGAGCTCGCTGCTGGCGGCACTGCCGTGCGCACGGGACTA  
AACACCAGGATCGGCTTCGCAGAAAAGTGGTGCAAAAGTTCGCAGCACTCACAGGTTTGCCTTTTGTCA  
CTGCCCGAATAAGTTTGAAGCTCTGGCCGCTCATGATGCTCTGGTGGAGCTTAGTGGAGCCATGAACAC  
TACGGCTGCAGTCTGATGAAGATTGCCAATGACATTCGTTTCTCGGTTCTGGTCTCGGTCGGTTTTG  
GGGAGCTGATCTTGCTGAAAATGAGCCAGGGAGCAGCATAATGCCAGGAAAGGTGAACCCTACTCAGT  
GTGAGGCGATGACCATGGTTGCAGCCCAAGTCATGGGGAATCATGTCGCTGTTACTGTTGGAGGCAGCAA  
TGGACATTCGAACTGAATGTTTTTAAACCGATGATGATTAAGAATGTGTTGCACTCAGCCAGGCTACTG  
GGAGATGCTTCAGTGTCTTCACAGAGAACTGTGTGGTAGGGATCCAGGCCAACACAGAGAGGATCAACA  
AGCTAATGAACGAGTCTTAAATGTTGGTTACAGCTCTTAATCCGCATATAGGGTATGACAAAAGCAGCGAA  
GATTGCCAAGACTGCACACAAGAACGGATCAACCTTAAAGGAAACGGCTATTGAACCTGGCTATCTCACA  
GCAGAGCAGTTTGTGAGTGGGTGAAACCAAGGACATGCTGGGTCCAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_017005

**Insert Size:** 1524 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\\_017005.2](#), [NP\\_058701.2](#)

**RefSeq Size:** 1603 bp

**RefSeq ORF:** 1524 bp

**Locus ID:** 24368

**UniProt ID:** [P14408](#)

**Cytogenetics:** 13q25

**Gene Summary:** precursor for mitochondrial and cytosolic forms [RGD, Feb 2006]