

## Product datasheet for RN203746

### Fah (NM\_017181) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fah (NM_017181) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fah
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203746 representing NM_017181 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCTTTATTCCGGTGGCCGAGGACTCCGACTTTCCCATCCAAAACCTGCCCTATGGCGTTTTCTCCA  
CTCAAAGCAACCCAAAGCCACGGATTGGTGTGGCCATCGGTGACCAGATCTTGGACCTGAGTGTCATTAA  
ACACCTCTTTACCGGACCTGTCTCTCCAAACATCAGCATGTCTTCGATGAGACAACCTCAATAGCTTT  
ATGGGCTCGGCCAAGCGGCATGGAAGGAGGCAAGAGCATCCTTACAGAACTTACTGTCTGCCAGCCAAG  
CCCAGCTCAGAGATGACAAGGAGCTTCGGCAGCGTGCATTCACCTCCAGGCTTCTGCCAGATGCACCT  
TCTGTGCTACCATAGGAGACTACACGGACTTCTACTCCTCTCTGCAGCATGCCACTAACGTTGGCATTATG  
TTCAGGGGCAAGGAGAATGCGCTGTTGCCCAATTGGCTCCAATTACCTGTGGGATACCATGGCCGAGCTT  
CCTCCGTTGTGGTGTCTGGTACCCCAATTCGAAGACCCATGGGACAGATGAGACCTGATAACTCAAAGCC  
TCCTGTGTATGGTGCCAGCAAACGCTTAGACATGGAGTTGGAAATGGCTTTCTTTGTAGGCCCTGGGAAC  
AGATTCGGCGAGCCAATCCCAATTTCCAAGGCCAGGAGCACATTTTCGGGATGGTCTCATGAACGACT  
GGAGTGCTCGAGACATCCAGCAATGGGAGTACGTCCCCCTGGGCCATTCTGGGAAAAGTTTTGGAAC  
CACCATCTCCCATGGTGGTGGCCATGGATGCTCTCATGCCCTTGTGGTGCCAAACCCAAAGCAGGAC  
CCTAAGCCCTGCCATATCTCTGCCACAGCCAGCCCTACACATTTGATATCAACCTGTCCGTTGCTTTGA  
AAGGAGAAGGAATGAGCCAGGCAGCTACCATCTGCAGGTCCAACCTTAAGCACATGTAAGTGGACATTCT  
GCAGCAACTGACACACCACTCTGTTAATGGATGCAATCTGAGACCTGGGACCTCTTGGCTTCTGGAACC  
ATCAGTGGATCAGACCCTGAAAGCTTTGGCTCCATGCTGGAACCTGCTGGAAGGGAACAAAGGCTATCG  
ATGTGGGGCAGGGGCAAACCAGGACCTTTCTTCTGACGGAGATGAAGTCATCATAACAGGTCACTGCCA  
GGGGATGGCTACCGTGTGGTTTTGGCCAATGTGCTGGGAAAGTGTGCTGCCTGCCCTCTCGCCAGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-Mlul



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<b>ACCN:</b>	NM_017181
<b>Insert Size:</b>	1260 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>	<a href="#">NM_017181.2</a> , <a href="#">NP_058877.1</a>
<b>RefSeq Size:</b>	1493 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	29383
<b>UniProt ID:</b>	<a href="#">P25093</a>
<b>Cytogenetics:</b>	1q31
<b>Gene Summary:</b>	deficiency leads to human hereditary tyrosinemia type 1 [RGD, Feb 2006]