

Product datasheet for **RN214359**

Cyp4f6 (NM_153318) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f6 (NM_153318) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f6
Synonyms:	MGC93133
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214359 representing NM_153318
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTACAACAAAGCCTGTCCCGCTGGGAATGGGGTCCCTGACAGCCTCTCCATGGCATCTACTGCTGC
 TGGGAGGAGCCTCTTGGATACTAGCCCGAATTCTGGCCTGGATCTATACCTTCTATGACAACTGCTGCCG
 CCTTCGTGTCTCCCTCAGCCCCCTAAACCAAGTTGGTTTTGGGGTCACTTGACCTTGATGAAGAACAAC
 GAGGAAGGCATGCAGTTCATAGCACATCTGGGCCGCAACTCCGTGATATCCACCTCTCTTGGGTGGGAC
 CCGTGTACCCGATCCTGCGACTCGTCCACCCTAACGTCATTGCTCCCTGCTCCAAGCCTCAGCTGCTGT
 TGCACCCAAGGAAATGACCCTCTATGGCTTCTGAAGCCCTGGCTGGGGGATGGGCTCCTGATGAGCGCT
 GGTGAGAAGTGAACACCACCGACGCTGCTGACACCCGCTTCCACTTTGACATCCTGAAGTCTACG
 TGAAGATTTTTAACAAGAGCGTGAACACCATGCATGCCAAGTGGCAGCGTCTGACTGCCAAGGGCAGTGC
 CCGTCTGGACATGTTGAGCACATCAGCCTGATGACCTTGACAGCCTGCAAAAATGCATCTTCAGCTTC
 GACAGCAACTGTGAGGAGTCTAACAGTGAATACATAGCTGCGATCCTGGAACCTCAGCTCCCTCATAGTGA
 AACGGCAACGCCAGCCCTTCTGTACCTGGACTTCTGTATTACCTCACTGCTGATGGGCGGCGCTCCG
 CAAGGCCCTGCGACGTGGTGACAACTTCACAGATGCTGTCATCAGGGAGAGACGACGACCCCTCAATACC
 CAGGGCGTTGATGAATTCCTAAAGGCCAGGGCTAAGACTAAAACCTTTAGACTTTATTGATGTTCTCTTGC
 TGGCCAAGGATGAGCATGGGAAGGGGCTGTGGATGTGGACATCCGAGCAGAGGCTGACACCTTCATGTT
 CGGAGGTCATGACACCAGGCCAGCGCACTCTCCTGGATCCTGTACAACCTGGCAAGGCACCCGGAATAC
 CAGGAGCGCTGCCGCGAGGAGTGGGGAGCTGCTGAGGGACCGAGAGCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGCTGCCCTTCTTAACCATGTGCATCAAGGAGAGTCTGCGGCTGCACCCCTCCAGTCTTATT
 AATCTCCCGCTGCTGTTCCAGGACATTGTGCTGCCAGATGGCCGGGTCAATCCCAAGGGAACATCTGT
 GTCATCAGCATCTTTGGGGTTCACCACAATCCTTCAGTGTGGCCAGACCTGAGGTCTACAACCCCTTCC
 GCTTTGACCCAGAAAACCCACAGAAGAGGTACCTCTGGCTTTTATTCCCTTCTCAGCGGGACCCAGGAA
 CTGCATAGGACAGACTTTCGCCATGAGCGAGATAAAGGTGGCGTGGCGTGACGCTGCTGCGCTTCTGC
 GTCCTGCCAGATGACAAGGAGCCGCGCGGAAGCCGGAGCTGATCCTGCGTGCGGAGGGCGGACTGTGGC
 TGCGGGTGAACCGCTGAGCACAGTGACCTCACAGCTGCCTTGGGACCTCCTCGCCACCCCTCTACCTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_153318

Insert Size: 1614 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:	<u>NM_153318.1, NP_695230.1</u>
RefSeq Size:	1782 bp
RefSeq ORF:	1614 bp
Locus ID:	266689
UniProt ID:	<u>P51871</u>
Cytogenetics:	7q11
Gene Summary:	catalyzes the conversion of leukotriene B(4) into 19-hydroxy- and 18-hydroxy-leukotriene B(4); plays a role in inflammation [RGD, Feb 2006]