

Product datasheet for **RN203739**

Cyp4f18 (NM_001033686) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f18 (NM_001033686) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f18
Synonyms:	Cyp4f3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203739 representing NM_001033686
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACTGCTGAGCCTGTCTGGCTGGGCTGGGGCACACAGCAGCCTCCCATGGCTGTTGCTGCTGC
 TGGTTGGGGCCTCCTGTCTCCTGGCTTACATCCTGCCTCAGGTTTATGCTGTCTTTGAGAACTCTCGTCG
 CCTCCGCCGTTTTCCGCAGCCCCCCCCACGAACTGGCTCTTTGGACACCTAGGCCTGATCCAGAGCTCA
 GAGGAAGGGCTCCTGTACATCCAGAGTCTGTGAGAACCTTCAGGGATGTTTGTGCTGGTGGTGGGGC
 CGTGGCACCCCGTTATCCGCATATTCCACCCTGCCTTCATCAAGCCCGTGATCTTGGCTCCAGCTTCAGT
 TGCCCCCAAGGACAGAGTCTTCTACCGTTTCTGAGGCCGTGGCTGGGGGATGGCCTCCTATTGAGTACT
 GGTGACAAAGTGGAGCCGCCACCGTCGCATGCTGACACCTGCCTTCCATTTCAACATCCTGAAGCCCTATG
 TGAAGATTTTTAACGACAGCACCAACATCATGCACGCCAAGTGGCAGCGCTGGCCTCCAGGGCAGTGC
 CCGTTTGGACATGTTTGGACATCAGCCTCATGACCCTGGACAGTCTGCAGAAGTGCCTTTCAGCTTT
 GACAGCAATTGCCAGGAGAAGCCTAGTGAATATATCACTGCCATCTTAGAACTTAGTGCCTTAGTGCCA
 GACGGCACCAAGTCTGCTTCTGCATGTGGACCTGTTTTATCACCTCACCCGTGATGGGATGCGCTTCCG
 GAAGGCCTGCCGCTAGTGCATGACTTCACGGATGCTGTATCCGGGAGCGCGCTGTACCTCCCTGAT
 CAGGGTGGTGTATGATGCCCTTAAAGCCAAGGCCAAGGCCAAGACTTTGGACTTCATTGACGTGCTACTGC
 TGAGCAAGGATGAACATGGCGAGGCTCTGTCCGATGAGGACATCCGAGCAGAGGCTGACACCTTCATGTT
 TGGAGGCCACGACACCACGGCAGTGGGCTCTCCTGGATCCTGTACAACCTGGCGAAGCACCCGGAATAC
 CAGGAGCGCTGCCGCGAGGAGTGGGGAGCTCCTGAGGGACCGTGAGCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGCTGCCATTCTCACCATGTGCATTAAGGAGAGCCTGCGACTGCATCCTCCGGCCACGGC
 AATCTCCCGCTGCTGCACTCAAGACATTATGCTCCAGATGGCCGGTCAATCCCTAAAGGCGTCATCTGC
 CGAATAAGTATTTTCGGGACCCATCACAATCCAGCTGTGTGGCCAGACCCGGAGGTGTATAACCCCTTCC
 GCTTTGATGCAGACAACGGCAAGGGCAGGTACCCCTGGCTTTTATTCTTTTTCGGCTGGGCCAGGAA
 CTGCATAGGACAGACTTTCGCCATGAGTGAGATGAAAGTGGCTTTGGCGTGACTCTGCTACGCTTCCGT
 GTCCTGCCTGATGACAAGGAACACGCAGGAAGCCAGAGCTGATCCTGCGTGACAGGGTGGGCTGTGGC
 TGCGGGTGGAGCCTCTCAGCGCAGGAGCGCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033686

Insert Size: 1575 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_001033686.1</u> , <u>NP_001028858.1</u>
RefSeq Size:	2811 bp
RefSeq ORF:	1575 bp
Locus ID:	290623
UniProt ID:	<u>Q3MID2</u>
Cytogenetics:	16p14
Gene Summary:	Cytochromes P450 are a group of heme-thiolate monooxygenases. Catalyzes the omega-hydroxylation of LTB4, a potent chemoattractant for polymorphonuclear leukocytes (By similarity).[UniProtKB/Swiss-Prot Function]