

Product datasheet for **RN213477**

Cyp4f1 (NM_019623) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f1 (NM_019623) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f1
Synonyms:	Cyp4f2; Cyp4f14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213477 representing NM_019623
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCACAGCTGAGCCTCTCCTGGCTGGGACTGGGCTGAGGTGGCCTTCCCATGGCAGACCCTGCTAC
 TGTTTGGAGCCTCCTGGATCCTGGCCAAATTCTGACCCAGATCTACGCTGCCTATAGGAACTTTCTGTCG
 CCTCCGTGGCTTCCCTCAGCCCCCAAACGGAAGTGGCTTATGGGTCTGTGGGCATGGTCACTCCTACA
 GAGCAGGGCTTGAAGGAATTGACTCGGTTGGTGGGTACCTACCCCAAGGCTTTTGTATGTGGATTGGGC
 CAATGGTCCCCGTTATTACTCTGTGCCACTCTGACATCGTCCGATCTATCCTCAATGCCTCAGTGCCGT
 TGCGCTCAAGGATGTGATATTCTACACCATCTCAAGCCTTGGCTGGGGGATGGGCTCCTGGTGAGTGCT
 GGTGACAAGTGGAGCCGCCACCGCGCATGCTGACACCTGCCTTCCACTTCAACATCCTGAAACCCTATG
 TGAAGATTTTCAACGACAGCACCAACATCATGCACGCCAAGTGGAAACGGTTGATTTCAGAAGGCAGTTC
 CCGTCTGGACATGTTTGAGCAGCTCAGCCTCATGACTCTGGACAGTCTGCAGAAATGTGTCTTCAGCTTT
 GACAGCAACTGCCAGGAGAAGTCCAGTGAATATATTGCTGCCATCCTGGAGCTCAGTGCCCTAGTGCCCA
 AAAGGCACCAGCAGCCTTTGCTGTTTATGGACCTGCTGTACAATCTACCCCTGATGGGATGCGCTTCCA
 TAAGGCCTGCAACCTGGTGCATGAATCACTGATGCCGTCTCCGGGAGCGGCGCCGACCCCTCCAGAT
 CAGGGTTTGGATGAGTTTCTCAAGTCTAAGGCCAAGTCCAAGACTTTGGATTTTATTGATGTGCTGCTCC
 TGACCAAGGATGAAGATGGAAAGGAGCTGTGGATGAGGACATCAGAGCAGAGGCCGACACCTTCATGTT
 TGAGGGCCATGACACCACAGCCAGTGGGCTCTCCTGGATTCTATACAACCTGGCGAAGCACCAGAGTAC
 CAGGAGCGCTGCCGCGAGGAAGTTCAGGAGCTTCTGAGGGACCGAGATCCTGAGGAGATTGAATGGGACG
 ACCTGGCCAGCTGCCCTTCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCACCCCAAGTACCGGT
 CATCTCCCGATGCTGCACCCAGGACATTCTGCTCCAGATGGCAGGACCATTCCCAAAGGTATCATCTGC
 CTTATCAGTATCTTTGAATTATCACAACCCGCTGTGTGGCCGACCTGAGGTCTACAACCCCTTCC
 GCTTTGACCCTGAAAACATCAAAGACAGCTCACCTCTGGCATTATTCCTTCTCGGCGGGGCCAGGAA
 CTGCATAGGTGAGCTTTCGCCATGAGCGAGATGAAGGTGGCGCTGGCACTAACACTGCTGCGCTTCCGA
 CTCCTACCGGACGACAAGGAACCGCGCAGGCAGCCAGAGCTGATCCTGCGTGCCGAGGGCGGACTGTGGC
 TGCGGGTGGAGCCGCTGAGCGCGGGCGCGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_019623

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_019623.2</u> , <u>NP_062569.2</u>
RefSeq Size:	2119 bp
RefSeq ORF:	1575 bp
Locus ID:	56266
Cytogenetics:	7q11
Gene Summary:	may be involved in hepatic carcinogenesis [RGD, Feb 2006]