

Product datasheet for **RN216843**

Cyp4f17 (NM_001191986) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f17 (NM_001191986) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f17
Synonyms:	RGD1561655
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216843 representing NM_001191986
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCTACAGCTGAGCCTGTCCTGGCTGGGCCGGGGCCAGTGACTGTCTCCCATGGCAGCTTCTGCTGG
 TGGTTGGGACCTCCTTGCTTCTGGCTCGAATTCTGGCCTGGATCAGTGCTTTCTATGACAACTACTGCCG
 TCTCCGCTGCTTCCCTCAGCCCCCTTACGGCACTGGTTTTGGGGTCACTTGAACCTGGTCAAGAACAAT
 GAAGAAGGCTGCAGTTGTTGGCTGAAATGAGCCACCAGTTCCAGGATATCCACCTCTGTTGGATTGGGA
 TCTTCTACCCCATCTGAGGCTTATCCACCCCAAGTTTATTGGCCCCATACTCCAGGCCCCAGCTGCGGT
 GGCTCCTAAGGAAATGATTTTCTATGGCTTCTGAAGCCCTGGCTGGGGGATGGGCTGTTGGTGAGTGCT
 GGTGAGAAATGGAGCCGCCAACGTCGCTGCTGACACCTGCGTTCCACTTTGACATCCTGAAGCCCTATG
 TGAAAACTTTAACAAGAGTGTGAACATCATGCACGCCAAGTGGCAGCGTCTGACCGCAAGGGCAGCGC
 CCGTCTGGACATGTTTGAACACATCAGCCTGATGACCTTGACAGTCTGCAGAAATGTGTCTTCAGCTTC
 GACAGCAACTGTGAGGAGTCTCCAGTGAATACATAGCTGCTATTCAGGAGCTCAGCTCCCTCATAGTGA
 AACGGCATCACCAGCCCTTCTGTACATGGACTTCTGTATTACCTCACTGCTGATGGGCGGCGCTTCCG
 CAAGGCCTGCGACCTGGTGCAACTTCACGGATGCTGTATCAGGGAGAGACGTCGACCCCTCTCCAGC
 CAAAGCGTTGATGAGTTCCTGAAGTCTAAGACTAAGTCTAAGACTTTGGACTTCATTGATGTGCTCTTGC
 TGGCCAAGGATGAACATGGAAAGGAGCTGTGAGATGAGGACATCCGGGCAGAGGCTGACACCTTCATGTT
 TGGAGGCCATGACACCACAGCCAGTGCCTCTCTGGATCCTGTACAACCTGGCGAGGCACCCGGAGCAC
 CAAGAGCGCTGCCGGCAGGAGGTGCGGGAGCTGCTGAGGGACCGGAACCTGAGGAGATTGAATGGGACG
 ACCTGACCCAGCTGCCCTTCTGACCATGTGCATCAAGGAGAGTCTGCGGCTGCACCCCCAGTCACAGT
 CATCTCCCGATGCTGCACCCAAGACGTTGTGCTTCCAGACGGCCGGTCAATCCAAAAGGAAACGACTGT
 ATCATCAGCATCTTTGGGTTTCATCACAACCTTCAGTCTGGCCAGACCTGAGGTCTATGACCCCTTCC
 GCTTCGACTCAGAAAACCCACAGAAGAGGTCTCTCTGGCTTTTATTCCTTTTCTGCCGGGCCGAGGAA
 CTGCATAGGACAGACTTTCGCTATGAACGAGATGAAGGTGGCGGTGGCGTTGACGCTGCTGCGCTTCCGA
 CTCCTGCCAGATGACAAGGAGCCGCGCGGAAGCCGGAGCTGATCCTGCGCGGGAGGGCGGGCTGTGGC
 TGCGGGTGGAGCCGCTGAGCACAGGCGCTCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191986

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191986.1, NP_001178915.1

RefSeq Size: 2156 bp

RefSeq ORF: 1575 bp

Locus ID: 500801

Cytogenetics: 7q11