

Product datasheet for **RN217124**

Cyp4f37 (NM_001271352) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp4f37 (NM_001271352) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4f37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217124 representing NM_001271352

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCGTGGCTAACTGTGTCTGGCTGGACCTAGGCTCTGTGGTGACCTCGACATGGCATCTTCTGCTGC
TTGGAGCCGCTTCTTGATTTTGGCCAGAATTCTTGCCTGGACTTACTCGTTCTGTGAGAACTGCTCCCG
CCTCAGATGTTTCCCTCAGTCCCCTAAAAGAACTGGTTTTTGGGCCACTTGGGCGTGGTAAGTATGGCG
GCAGATAGGCTTGGGCCAGAGACCCAACTCTGCCTGTCTGCCTACCCCTCAGGCCATGACACCACAGCCA
GCACACTGTCTGGATCTGTACAACCTGGCAAGGCACCCAGAATACCAGGAGAGCTGCCTTCAGGAGGT
GTGGGAGCTGCTGAGGGACCGAGAGCCTGAGGAGATTGAATGGATGCCGTGGCTAACTGTGTCTGGGCTG
GACCTAGGCTCTGTGGTGACCTCGACATGGCATCTTCTGCTGCTTGGAGCCGCTTCTTGATTTTGGCCA
GAATTCCTTGCCTGGACTTACTCATTCTGTGAGAACTGCTCCCGCCTCAGATGTTTCCCTCAGTCCCCTAA
AAGAACTGGTTTTTGGGCCACTTGGGCACGATCCAGAGCAATGAGGAAGGCATGCGGCTGGTGACTGAA
ATGGGCCAGACTTTCGAGATATCCATCTCTGTTGGCTGGGACCCGTCATCCCTGTGCTGAGGCTTGTG
ACCCTGCATTTGTTGCCCTCTGCTCCAGGCCCGAGCTTGGTGCCCCAAAGGACACGACTTCTTACG
CTTCTGAAGCCCTGGCTTGGAGATGGTCTATTTCTGAGTTCTGGTGACAAGTGGAGCCGCCATCGCCGT
CTGCTGACACCTGCCTTCCATTTTGACATCCTGAAGCCCTATGTGAAGATTTTCAACCAGAGCGTGAACA
TCATGCACATCCAGAGCAATGAGGAAGGCATGCGGCTGGTGACTGAAATGGGCCAGACTTTCGAGATAT
CCATCTCTGTTGGCTGGGACCCGTCATCCCTGTGCTGAGGCTTGTGACCCTGCATTTGTTGCCCTCTG
CTCCAGGCCCGAGGATGGAATGCAGAGAACTGAAGGGAAGATGCACCAGAGTCCAGAAGGGTCAGCTG
TGGCTGATGGGCCCTGGGTATGCCTTGTGGCTGGAGAGGCAGAATCAAGTCGTATGGTCTCCAGTGA
ATACATTTCTGCCACCTTGGAACTGAGTCCCTCACCAGAAAAAGGTCATATAAGCTCTTCTGTACCTG
GACTTCTGTATTACCGCACTGTGATGGACAGCGCTTCCGCAAGGCCTGTGACCTGGTGACAGCTTCA
CGGATGCTGTATCAGGGAGAGACGTCGACTTCTCTCCAGCCAAGGCCTTGTGAGTTCTTGGAGTCCAA
GACTAAGTCTAAGTCTAAGACTTTGGACTTTATCGATGTACTCTTGTGGCTAAGGATGAACATGGAAAG
GAGCTGTCAGATGAGGACATCCGGGCAGAGGCTGACACCTTCATGTTTGGAGGCCATGACACCACGGCCA
GCGCACTGTCTGGATCTGTACAACCTGGCAAGCCACCCAGAATACCAGGAGCGCTGCCGTGAGGAGGT
GTGGGAGTTGCTGAGGGACCGAGAGCCTGAGGAGATTGAATGGGACGACCTAGCCAGCTGCCCTTCTG
ACCATGTGCATCAAGGAGAGTCTGCGACTGCACCTCCAGCTGTAGACCTCTGCCCGCTGCACCCAGG
ACATTGTGCTACCTGATGGCCGGGTATCCCTAAAGGGAACATCTGTGTATCAGCATCTTTGGTATTCA
TCACAATCCTTCAGTGTGGCCAGACCCTGAGGTCTATGACCCCTTCCGCTTTGACCCAGAAAAATCGTCAG
AAGAGGTACCTCTGTCTTTTATCCCTTCTCCGAGGGCCAGGAATGCATAGGACAGACTTTCGCTA
TGAACGAGGTGAAGGTGGCAGTGGGGCTGACGCTGCTCCGCTTCCGCTTCTGCCAGATGACAAGGAGCC
GCGCAGGAAGCCGGAACCTGATCTTGCGCGCTGAGGGCGGGCTATGGCTGCGGGTGGAGCTGCTGAGCAGA
GACACTCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001271352

Insert Size:

2112 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:	<u>NM_001271352.1, NP_001258281.1</u>
RefSeq Size:	2305 bp
RefSeq ORF:	2112 bp
Locus ID:	691312
Cytogenetics:	7q11