

Product datasheet for **RN212824**

Cyp2f4 (NM_019303) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2f4 (NM_019303) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2f4
Synonyms:	Cyp2f1; Cyp2f2; CYP4502F4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>RN212824 representing NM_019303 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGGATCGCC ATGGATGGTGTGAGCACAGCCATCTTGCTTCTCCTCCTGGCTGTCATCTCTGTCCCTGACCTTCACCT CATGGGGCAAGGGCCAGCTCCCTCCAGGACCAAGCCTCTCCAATCCTAGGAAACCTGCTGCAGCTTCG CTCCCAAGACTTGCTGACCTCACTACCAAGCTTAGCAAGGACTATGGGTCAAGTTACGGGTGTACCTG GGGCCCAGGCGTGTGATTGTCTCAGCGGATATCAAAGTGAAGGAGGCTTTGTGGACAAAGGGGAGG AGTTCACTGGCCGAGGCTCATACCCATCTTTTCAACTTCACCAAGGGCAACGGCATCGCTTCTCCGA TGGAGAACGCTGGAAGATCTCCGAAGTTCTCTGTCCAAATCCTGAGGAACCTTGGCATGGGAAAAAGA AGCATCGAGGAGCGGATCCTGGAAGAAGGCAGCTTCTGCTGGACGTGCTGCGGAAAACGGAAGGCAAGC CCTTTGACCCCGTGTATCTGAGCCGCTCGGTCTCCAACATTATTTGCTCTGTCATCTTCGGCAGTCG TTTCGATTATGACGATGAACGGCTGCTCACCATTATCCACTTTATCAATGACAACTTCCAGATTATGAGC AGCCCCCTGGGGCGAGATGTACAACATCTTCCGAGTCTCCTGGACTGGGTGCCTGGGCGGCACAGACGCG TGTTCCGGAACCTTGGGGGCATGAAAGATCTCATCGCCCCGAGCGTCCGCGAGCACCAGGACTCCCTGGA CCCCAACTCTCCCCGGGACTTCATCGACTGCTTCTCACAATAATGGTACAGGAGAAGCAAGACCCACTG AGCCACTTCAATATGGACACCCNCTGATGACCACACACAACCTGCTCTTTGGTGAACGGAGACTGTGG GCACCACTTTACGCCATGCCTTCTCATTCTTGAAGTACCCCAAGTGCAAGCCCGTGTGCAGGAAGA GATTGATTGTGTGGTGGGACGTTTCGCGGATGCCACGCTGGAGGACCGTGCATCCATGCCTTACACAGAC GCGGTGATCCACGAAGTGCAGCGCTTTCAGACGTATCCCCATGAACCTGCCCCACCGCGTCATTCTGGG ACACACCTTTTCAGGGGCTTCTGATACCAAGGGCACAGATGTATCACGCTCCTTAACACCGTGCACTA TGACTCCGACCAATTCAAGACCCCTCAGGAGTTCAATCCTGAGCATTTTCTGGATGCCAATCAATCCTTC AAGAAGAGCCCCGCTTCATGCCATTTTCGGCGGGACGCCGACTGTGTCTGGGAGAGCCACTGGCACGCA TGGAGCTGTTATATACCTCACCTCCATTCTCCAGAACTTACGTTGCATCCGCTGGTGGAGCCTGAGGA CATCGACCTGACCCCGCTCAGCTCAGGGCTGGGCAATTTGCCAAGGCCTTCCAGTTGTGTATGCGCATT CGCTGA AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC TGGATTACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-RsrII
ACCN:	NM_019303
Insert Size:	1476 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_019303.1, NP_062176.1</u>
RefSeq Size:	1768 bp
RefSeq ORF:	1476 bp
Locus ID:	54246
UniProt ID:	<u>O35293</u>
Cytogenetics:	1q21
Gene Summary:	member of the p450 2F subfamily; forms styrene glycol from styrene in liver and lung microsomes [RGD, Feb 2006]