

Product datasheet for RN202418

Cyp20a1 (NM_199401) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp20a1 (NM_199401) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp20a1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202418 representing NM_199401 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGACTTCGCCATCTTCGCCGTGACGTTCTGCTGGCGCTGGTGGGAGCGGTGCTGTACCTCTACC
CGGCTTCCGACAAGCTTCAGGAATCCAGGGCTTACTCCAAGTGAAGAAAAAGATGGTAATCTCCAGA
CATTGTGAACAGTGGGAGTTTGCATGAGTTCCTGGTTAATTTGCATGGAAGATACGGGCCTGGTCTCT
TTCTGGTTTGGCAGGCGTCTTGGTCACTTAGGCACCGCTGATGCACTGAAACAGCATTTC AACCCCA
ATAAGACTTTGGACCCATTTGAAACCATGTTGAAGTCACTATTAGGCTATCGGTCTGGTCTGGGAGTGG
GAGCGAGGACCAGTGGAGGAGACTGTACGGAGATGCTGTGACGGCTGCTTTCAGAGTAACTTTCCT
CTCCTGCTGAAGCTCTCAGAAGAATTATAGACAAATGGCTGTCTACCCAGAGACCCAGCACATACCTC
TGAGCCAGCATATGCTTGGTTTTGCTTTGAAGTTTGTACACGGATGGTACTGGGTGACACATTTGAAGG
TGAACAGGAAGTCATCCGATTCAAAAGATTACGGCACAGTGTGGTCTGAGATTGGAAAAGGCTTTCTA
GATGGGTCACCTTGATAAAAAACCACTCGAAAAACCAGTATCAAGAGGCTCTCATGCAATTGGAAGCTA
TTTTAAAGAAAAATCATAAAGGAACGAAAAGGAGGGGACTTCAGTCAACATACCTTCATTGACTCCTTAGT
ACAGAGAAACCTTAATGAGCAGCAGATCCTAGAGGACAGTGTGGTGTCTCTCTGGCCGGCTGCATAGTA
ACCGCAAGGTTGTACCTGGGCCATTCCTTCTAACACAGCTGAAGAAGTTCAGAAGAAGCTACACA
AGGAGGTAGACCAGTTTTGGGAAGGGTCTTACTTCAGAGAAAAATCGAGCAGCTCAGATATTGCCA
GCAAGTACTTTGTGAAACCGTTCGGACTGCCAACTAACTCCAGTTTCTGCCAGCTTCAAGATATCGAA
GGAAAAGTGGGTCATTCATTATTCCTAAGGAGACGCTCGTCTTTATGCCCTCGGAGTGGTTCTTCAGG
ACGCCAGCACTTGGCCATCACACACAAGTTTGATCCAGACCGCTTGTGACGAGCCGGTGTGAAAGT
GTTTTCTCTCTGGCTTCTCAGGCACATGGGAATGTCCAGAAGTGTGAGTTTGTCTACGTGGTGACCACA
GTGCTTGTGAGTGTGTTGCTGAAGAAGCTACATCTGCTGTGACAGACAAGTTTTTGAAGTGAAGT
ATGAAGTGGTCACTGCTGCAGGAGGAACTTGGATCACTGTCTCCGAAAGACACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_199401
Insert Size:	1389 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:	<ol style="list-style-type: none">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_199401.1</u> , <u>NP_955433.1</u>
RefSeq Size:	2029 bp
RefSeq ORF:	1389 bp
Locus ID:	316435
UniProt ID:	<u>Q6P7D4</u>
Cytogenetics:	9q32
Gene Summary:	may act as an electron transporter [RGD, Feb 2006]