

Product datasheet for **RN215375**

Cyp2j4 (NM_023025) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2j4 (NM_023025) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2j4
Synonyms:	CYP2J2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN215375 representing NM_023025
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCGCCACCGCGGGCTCTCTGGTAGCCACGATCTGGGCAGCGCTCCATCTCAGGACTCTGCTGGTGG
 CTGCACTCACCTTCTACTCCTGGCTGACTACTTCAAAACCCGGCGCCCAAGAAGTATCCCCGGGGCC
 TTGGGGTCTCCATTCTGGGCAACATATTCCAGTTGGACTTTGGGCAGCCCCACCTCTCAATCCAGCCG
 TTTGTGAAGAAATATGGGAATTTTTAGCCTGAATCTTGGTGACATAACATCCGTGGTCATAACTGGAC
 TGCCCTTAATCAAAGAAACCTTTACTCACATAGAACAACATTTTGAATCGCCCTCAGTGTTATGCA
 AGAACGCATACCAATAAAAATGGATTGATCTTCTCCAGTGGTCAGACATGGAAGGAGCAAAGAAGGTTT
 GCCCTGATGACTCAGGAATTTGGCTTGGGAAAGAAGAGCTTAGAGCAGCGCATGCAGGAGGAGGCC
 ACTACCTCGTGAAGCCATAAGAGAGGAGAAAGGAAAACCTTTCAACCCTCACTTCAGTATCAACAATGC
 AGTTTCCAATATCATTGCTCTGTACCTTTGGGAGCGCTTTGAGTACCATGACAGTAGATTTCCAGGAG
 ATGCTGAGGTTGCTGGATGAGGTGATGATTTGGAGACAACAATGATAAGCCAGCTCTATAATATTTTTC
 CATGGATAATGAAGTATATTCTGGATCACATCAAACAGTTTTTCAGAAACTGGGAAAAACTGAAATTGTT
 TGTCTTCTATGATCGATGATCACCAGAAAGACTGGAACCTGAGGAGCCAAGAGACTTCATTGATGCT
 TTCTCAAGGAAATGTCAAAGTACCCAGAGAAGACTACAAGTTTCAATGAAGAAAACCTCATCTGCAGCA
 CCCTGGACCTCTCTTTGCGGGAACAGAGACAACATCCACTACACTGCGCTGGGCTCTGCTCTACATGGC
 CCTCTACGCAGAAGTGAAGAAAAGTACAGGCAGAGATTGACAGAGTCAATGGCCAGAAGAGGGCAGCA
 AGCCTGGCCGATCGAGAATCCATGCCCTATACCAATGCCGTATCCATGAGGTGCAGAGGATGGCAACA
 TCATCCCCTGAATGTTCCAGGGAAGTAGCAATGGATACCACTTTGAATGGATTCCACCTGCCAAAGGG
 TACCATGGTTCTAACCAACCTAACTGCACTGCACAGGGACCCAAAAGAGTGGGCCACCCAGATGTGTTT
 AACCCAGAGCACTTTTTGGAGAATGGACAGTTTAAAGAAGAGAGAATCTTTTCTGCCATTCTCAATGGGAA
 AGAGAGCTTGCCCTGGAGAACTGGCCAGGTCTGAACTGTTTCTTCTTCTTATGCAAAA
 ATTTACCTTCAAGCCCCAACCAATGAGAAGCTGAGCCTGAAGTTCAGAAATGGCCTCACACTTTCTCCA
 GTCACGCACCGCATCTGTGCTGTCCCTAGAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_023025

Insert Size: 1506 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: [NM_023025.2](#), [NP_075414.2](#)

RefSeq Size: 2223 bp

RefSeq ORF: 1506 bp

Locus ID: 65210

Cytogenetics: 5q33

Gene Summary: putative cytochrome p450 monooxygenase enzyme; constitutively expressed in lung epithelium; may be involved with rat model of pneumonia [RGD, Feb 2006]