

Product datasheet for **RN215239**

Cyp3a62 (NM_001024232) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp3a62 (NM_001024232) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp3a62
Synonyms:	CYP3; Cyp3a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215239 representing NM_001024232
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCTGATCCCAAACATTTCTTGGAAACCTGGATGCTCCTGGCTACCATCCTCGTGCTCCTGTATC
 TGTATGGAACCTCCACACATGGAAATTTAAGAAATTAGGGATTTCTGGACCTAAACCACCTGCCTTTTGT
 GGGAAATATTCTTGCATACCGCCATGGATTTTGGGAGTTTGATAGACACTGCCATAAAAAATATGGGGAT
 ATATGGGGTTTTATGAGGGACGACAACCTATTTTGGCTATAACAGATCCAGATATAATAAAAAACAGTGC
 TGGTAAAGGAATGTTATTCTACCTTCACAAACCGTCGGAGCTTTGGTCCAGCGGGAAATTTGAAAAAAGC
 TATCACCTTATCTGAGGATGAAGAATGGAAGAGATTAAGAACATTGCTATCTCCACCTTACCAGTGGG
 AAGCTCAAGGAGATGTTCCCATCATTAAACAGTATGCAGATTTGCTGGTAAAAACGTGAAACATGAAG
 CAGAAAAAGGCAATCCTATCACCATGAAAGACATCTTTGGGCCTATAGCATGGATGTGATCACAGGCAC
 ATCATTTGGAGTAAACGTGGATTCCTCAACAACCCACAGAATCCCTTTGTACAAAAAGTGAAGAACTC
 TAAAAATTAATTTCTTGACCCATTCTTCTCTCAGTGATACTTTTCCATTCTTACCCAGTTTTTGT
 AAGCATTTGACATAACTGTGTTCCAAAAGATGTTATGAAGTTTTTATAGGACTTCTGTAGAACGAATGAA
 AGAGAACCGCATGCAAGAGAAAGTAAAGCAAAGATTAGATTTTCTTCAACTGATGATAAACTCCCAAAGT
 TCTGGAGATAAAGAGTCTACCAAGGTTAACTGATGTGGAGATTGTGGCTCAGTCCATTTTCTTTATTT
 TTGCCGGCTATGAGACCACTAGCAGTGCCTTTCTTTGCTTTGTATTTGCTGGCCACACACCCTGATCT
 CCAGAAGAACTGCAGGATGAAATTGATGCAGCTCTGCCAATAAGGCACCTGTGACCTATGATGTCCTG
 GTAGAGATGGAGTACTTGGACATGGTGTAAATGAACTCTCAGATTATTTCCAGTTGGTGAAGACTCG
 AGAGGGTCTGTAAGAAAGATGTTGAAATCAATGGGGTTTTATACCCAAAGGGACTGTGGTATGTTACC
 AACCTTTGCTCTTCAAAAGACCCAAAGTCTGGCCAGAGCCTGAGGAATTTTGTCTGAAAGTTTCAGA
 AAGAAGAATCAGGACAGCATCAATCCTTACATATACCTGCCCTTTGGTAATGGACCCAGGAACTGTATTG
 GCATGAGGTTTGTCTCATGAACATGAAAATTGCTCTTGTGAGAGTCTGCAGAATTCTCTTTGGACT
 TTGTAAGAACTCAGATTCCTTTAAACTAAGAAAGAAAGGATTTTTTCAACCAGAAAAACCCATCATT
 CTAAGGGCTGTATCAAGAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001024232
- Insert Size:** 1494 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_001024232.1](#), [NP_001019403.1](#)

RefSeq Size: 1796 bp

RefSeq ORF: 1494 bp

Locus ID: 170509

Cytogenetics: 12q11

Gene Summary: cytochrome P450 enzyme; has two isoforms [RGD, Feb 2006]