

Product datasheet for **MC204014**

Cyp2d26 (NM_029562) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2d26 (NM_029562) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2d26
Synonyms:	1300006E06Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023241

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TCCTGATTCTAAGTTTCTGGAACGAGTATTCTTCAAAGCCTGGAAGCAGTAGGGCAGCCATGGGGCTG
CTGGTTGGAGATGACTTATGGGCTGTGGTCATATTACAGCCATCTTCTGCTTCTGGTGGACCTGGTGC
ACCGGCGCCAGCGCTGGACTGCCTGCTACCCACCAGGCCCTGTGCCATTCCCTGGGCTGGGAAACCTGCT
GCAGGTGGACTTCGAGAACATACCATAACAGCTTTTACAAGCTTCAAACCCTATGGCAATGTGTTGAGC
CTACAGATGGCCTGGAAGCCCGTGGTGTGGTCAACGACTGAAGGCAGTGCGGGAAGTGGTGGTACCT
ATGGAGAGGACACTTCTGACCGCCCTAATGCCATCTATAATCACATAGGCTATGGGCACAAATCAA
AGGTGTGATCCTTGACCTTACGGGCCGAGTGGCGAGAGCAGCGGCGATTTTCTGTGTCTACCCTGCGT
GACTTCGGCCTGGGCAAGAAATCACTGGAGCAGTGGGTGACAGAGGAGGCTGGCCACCTCTGCGATGCTT
TCACCAAGGAGGCCGAACATCCCTTCAATCCCAGCCCCCTCCTAAGTAAAGCTGTGAGCAACGTGATCGC
CTCCCTCATTTATGCTCGTCGATTTGAGTATGAAGACCCTTTCTTCAACAGGATGCTCAAACATTGAAG
GAAAGCTTAGGAGAAGACTGGCTTCGTGCGAGAGGTGCTGAATGCCATCCCAATGCTACTACACATCC
CTGGTTTGCCGTGATAAAGCCTTCCCAAGCTGAATTCATTCATAGCCTTAGTGAATAAGATGTTAATTGA
GCACGACTTGACCTGGGATCCTGCACAGCCACCCCGAGATTTGACTGATGCCTTCTGGTGGAGGTGGAG
AAGGCCAAGGGGAATCCTGAGAGCAGCTTCAATGATAAGAACCCTGCGCATAGTGGTGATTGACCTGTTCA
TGGCAGGGATGGTGACCACCTCAACCACACTGCCTGGGCCCTGTGCTCATGATCCTGCATCCAGATGT
GCAGCGCCGTGTCCACCAGGAAATCGACGAGGTGATAGGGCACGTGCGGCATCCAGAGATGGCAGACCAG
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TACCACATATGACATCCCGAGACATTAATTTCAAGACTTCTTCAATCCCAAGGGGACGACACTATTCC
CAACCTGTCTCCGTGCTGAAGGATGAGACTGTCTGGGAGAAGCCCTCCGCTTCTATCCTGAACACTTC
CTGGATGCCAGGGCCACTTTGTGAAGCACGAGGCCTTATGCCATTCTCAGCAGGCCGAGATCATGCC
TGGGGGAGCCCTGGCCCGCATGGAGCTTCTCTTCTTACCTGCCTCCTGCAGCGCTTTAGCTTCTC
AGTGCCCGATGGACAGCCAGACCCAGTGATTATGGCATCTATAAATGCCAGTTACTCCAGAGCCCTAT
CAGCTCTGTGAGTGGCTCGATAGCAGGGGCAATGGTCTACCTTCCCCAAGTTTGGCCTGATTGGTGT
TCAATAACAAGTTCTGTGTCTGCAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_029562
Insert Size:	1503 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:	BC023241 , AAH23241
RefSeq Size:	1649 bp
RefSeq ORF:	1503 bp
Locus ID:	76279
UniProt ID:	Q8CIM7
Cytogenetics:	15 E1
Gene Summary:	Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. [UniProtKB/Swiss-Prot Function]