

Product datasheet for MC205698

Cyp2f2 (NM_007817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2f2 (NM_007817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2f2
Synonyms:	Cyp2f
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC011089

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CTTCAGAACATTGCTGCAGAATACTGATACAGGCGCTGCAGCTGCCTTCACTATGGATGGTGTGAGCACA
GCCATCTTGCTTCTCCTCTGGCTGTCATCTCTGTCCCTGACCTTCAGCTCACGGGGCAAGGCCAGC
TGCTCCAGGACCCAAACCTCTCCAATCCTGGGAAACCTGCTGCAGCTTCGCTCCCAAGACTTGCTGAC
CTCCCTACCAAGCTTAGCAAGGAGTATGGGTCGGTGTTCACGGTGTACCTGGGGTCCAGGCCTGTGATA
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CCTCAGAAGGTTCTGTGCAAACTCTGCGGAACCTTGGCATGGGAAAAAGAAGCATCGAGGAGCGGATC
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GGTCTGCTCACCATCATCCACTTATCAATGACAACCTCAAGATTATGAGCAGCCCTTGGGGCGAGATG
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TTCCCTTAACCTGGGCCTGCCACGTATCAGTACTTACCCCGCTATCTTAAGCCCATCTTCATGGAAA
GAATGACGTGACAAAGGTGAAATACCCGCTTATACGCACAGAACCTATTCTATGATGCACCCCTTTCCT
GTCTGTTGTATCATTCTAGTAAATATCTTAATAACTGAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	NM_007817
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:	<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:	BC011089 , AAH11089
RefSeq Size:	1808 bp
RefSeq ORF:	1476 bp
Locus ID:	13107
UniProt ID:	P33267
Cytogenetics:	7 A3
Gene Summary:	Involved in the regio- and stereoselective transformation of naphthalene to trans-1R-hydroxy-2R-glutathionyl-1,2-dihydronaphthalene in the presence of glutathione and glutathione S-transferases. It specifically catalyzes the production of a very reactive and potentially toxic intermediate, the 2R,2S arene oxide, that is associated with necrosis of the unciliated bronchiolar epithelial cells or Clara cells in lung.[UniProtKB/Swiss-Prot Function]