

Product datasheet for MC205573

Cyp17a1 (NM_007809) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp17a1 (NM_007809) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp17a1
Synonyms:	Cyp17; p450c17
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC064793
 CTTCTGCAGGCCAAGAGATAACACGCTCTCAAGGTGACAATCAGAAAACGCCTTTTAAAAGTTCTCCTTCT
 CTGCTGAAATTGCTGTAGCTTCTCCACTCCACAGCTGGCCATCTGCCTACACCTGGCTGCCATGTGGGAA
 CTTGTGGGTCTCTTGCTGCTCATCTGGCCTATTTCTTTTGGCCCAAGTCAAAGACACCTAATGCCAAGT
 TCCCCAGGAGCCTTCCATTCTGCCCCTGGTGGGTAGTCTACCGTTTCTCCCCAGACGTGGTCATATGCA
 TGCCAACCTTTCAAGCTGCAGGAAAAGTATGGTCCCCTATTCTCTTCGCCTGGGTACCACTGCA
 GTGATTGTCGGTCACTATCAGCTGGCCAGAGAAGTCTCGTGAAGAAGGGGAAAGAATTCTCTGGTCGGC
 CCCAGATGGTGACTCTAGGCCTTGTGCGGACCAAGGAAAAGGCGTCGCCTTTGCGGATAGTAGTCTC
 CTGGCAGCTGCACCGAAGCTGGTATTCAGCACCTTTTCCCTGTTTCCAGGGATGACCAGAACTGGAGAAG
 ATGATATGTCAGGAAGCCAACTCACTGTGTGACTTGATACTTACATACGACGGGGAGTCCCAGATCTGT
 CTACGCTCATCTCAAGTCAGTAATCAATATCATCTGTACCATCTGCTTCAACATCTCTTTGAGAACAA
 GGATCCGATACTGACTACCATACAGACCTTTACAGAGGGTATTGTGGATGTCCTGGGCCACAGCGATCTG
 GTGGACATATTCCCGTGGTTGAAGATTTTTCCCAATAAAAACTTGAAATGATAAAGGAACACACTAAAA
 TTTCAGAAAAAACTGGTTGAAATGTTTGAATAATGCAAGGAGAAATCAATAGTGAATCTCTCTCCAG
 CCTGACAGACATTCTGATACAAGCCAAGATGAATGCAGAAAAATAAACACTGGGGAAGGCCAGGACCCA
 AGTGTGTTCTCAGATAAGCATATCCTTGTACGGTGGGAGACATCTTTGGGGCAGGCATAGAGACAACTA
 GCTCTGTGCTGAGCTGGATCCTGGCTTTCTGGTGCACAACTCTGAGGTGAAGAGGAAGATCCAAAAGGA
 GATTGACCAGTATGTAGGCTTCAGTCGAACACCGTCTTTCAATGACCGGACTCACCTCCTCATGCTGGAG
 GCCACTATCCGAGAAGTGTCTCGTATCAGGCCGGTGGCCCTTGTCTATCCACACAAGGCTAACATTG
 ACTCCAGCATTGGAGAGTTTGCCATCCCGAAGGACACACATGTGATCATCAATCTCTGGGACTGCATCA
 CGATAAAAATGAATGGGACCAGCCAGATCGGTTTATGCCTGAGCGCTTCTTAGATCCAACAGGAAGCCAT
 CTCATTACACCCACCCAGTTATTTGCCCTTCGGAGCTGGTCCCGATCGTGCATTGGAGAGGCTCTGG
 CCCGGCAGGAGCTCTTTATCTTCATGGCCTTGCTGCTGCAGAGGTTTACTTTGATGTGTCAGATGACAA
 ACAGCTGCCCTGTCTGGTGGGTGACCCCAAGGTGGTCTTTCTGATCGACCTTTCAAAGTAAAAATCACA
 GTGCGACAAGCATGGAAGGATGCACAGGTTGAGGTTAGCACCTAGAGGCCGAATTAACGTCCCGGATCC
 CATGCCTTGACACCCACAGCCCAATCTTAGAGGTGCCTCAACAATCCTCCTCACTCCTATCCCGTTTTT
 TACTTGGCAGCAATGAAGGGTGGACACATATTAAGGTTTTTCCAATAAAAAAAAAAAAAAAAAA



[View online »](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_007809
Insert Size:	1524 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:	BC064793 , AAH64793
RefSeq Size:	1813 bp
RefSeq ORF:	1524 bp
Locus ID:	13074
UniProt ID:	P27786
Cytogenetics:	19 38.97 cM
Gene Summary:	Conversion of pregnenolone and progesterone to their 17-alpha-hydroxylated products and subsequently to dehydroepiandrosterone (DHEA) and androstenedione. Catalyzes both the 17-alpha-hydroxylation and the 17,20-lyase reaction. Involved in sexual development during fetal life and at puberty.[UniProtKB/Swiss-Prot Function]