

Product datasheet for **MR204189**

Cyb5r3 (NM_029787) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyb5r3 (NM_029787) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyb5r3
Synonyms:	0610016L08Rik; 2500002N19Rik; C85115; Dia-1; Dia1; WU:AL591952.1-001; WU:AL591952.1-002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204189 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCCAGCTGAGCACGTTGAGCCACGTGGTGTCTCGCCCGTCTGGTTCATCTACAGTCTCTTCA
TGAAGCTGTTTCAGCGCTCCACACCGGCCATCACCTCGAGAACCCCGACATCAAGTACCCTCTGAGGCT
CATCGACAAGGAGGTCATCAGTCTGACACTCGGCGCTCCGATTTGCCCTCCCTCACCCAGCACATC
CTGGGCCCTTCTATTGGCCAACACATCTACCTCTCGACTAGGATCGATGGCAACTGGTCATTGGCCCT
ACACCCCTGTGTCGAGCGATGATGACAAGGGCTTTGTGGACTTGGTGGTCAAGGTTTACTCAAGGACAC
CCATCCCAAGTTTCCAGCTGGAGGGAAAATGTCTCAGTACCTGGAAAACATGAAGATTGGAGACACCATT
GAATCCGGGGTCCCAATGGGCTACTGGTCTACCAGGGCAAAGGGAAGTTTGCCATCCGTGCAGACAAGA
AGTCCAACCCGTTGTCAGGACGGTGAAGTCTGTAGGCATGATTGCAGGAGGGACAGGCATCACCCCAAT
GCTGCAGGTGATCCGAGCCGTCCTGAAGGACCCAAACGACCACACCGTGTGCTATCTGCTCTTTGCCAAC
CAGTCCGAGAAAGATATCCTGTTGCGGCCTGAGCTGGAGGAACTGAGGAACGAACATTCTGCTCGTTCA
AGCTCTGGTACACAGTGGACAAAGCCCCTGATGCCTGGGACTATAGCCAGGGCTTCGTGAATGAGGAGAT
GATCAGGGACCACCTTCCAACCTCTGGGAGGAGCCGCTGATACTGATGTGTGGACCCCCACCAATGATC
CAGTTTGCTGTTTGCCAAACCTGGAGCGTGTGGCCATCCCAAGGAGCGATGCTTACACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_029787.3](#)

RefSeq Size: 2066 bp

RefSeq ORF: 906 bp

Locus ID: 109754

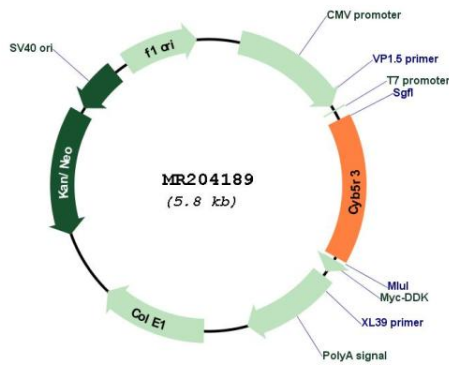
UniProt ID: [Q9DCN2](#)

Cytogenetics: 15 39.4 cM

MW: 34.1 kDa

Gene Summary: Desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204189