

Product datasheet for MR200799

Cyb5a (NM_025797) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyb5a (NM_025797) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cyb5a
Synonyms: 0610009N12Rik; Cyb5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200799 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGGGCAGTCAGACAAGGATGTGAAGTACTACACCCTGGAAGAGATTCAGAAGCACAAAGACAGCA
 AGAGCACCTGGGTGATCCTGCATCATAAGGTGTACGATCTGACCAAGTTTCTCGAAGAGCATCCTGGTGG
 AGAAGAAGTCCTAAGAGAGCAAGCTGGGGGTGATGCTACCGAGAATTTTGAGGACGTCGGGCACTCTACG
 GATGCACGAGAAGTGTCCAAAACATACATCATCGGGAACTCCATCCAGATGACAGATCAAAGATAGCCA
 AGCCTTCGGATACTTTATCACTACTGTGGAGTCTAATTCAGTTGGTGGACCAACTGGGTGATCCCAGC
 CATCTCAGCCCTGGCTGTAGCTCTGATGTATCGCCTCTACATGGCAGAAGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200799 protein sequence
 Red=Cloning site Green=Tags(s)

MAGQSDKDVKYYTLEEIQKHKDSKSTWVILHMKVYDLTKFLEEHPGGEEVLRQAGGDATENFEDVGHST
 DARELSKTYIIGELHPDDRSKIAPSDTLITTVESNSSWWTNWVIPAISALAVALMYRLYMAED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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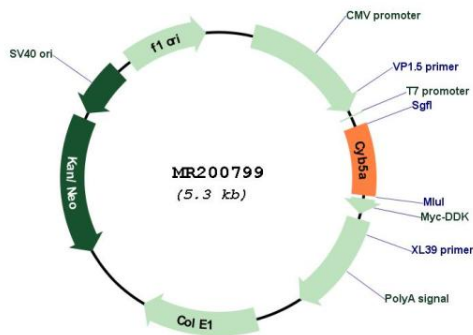
UniProt ID: [P56395](#)

Cytogenetics: 18 57.53 cM

MW: 15.2 kDa

Gene Summary: Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases. It is also involved in several steps of the sterol biosynthesis pathway, particularly in the C-5 double bond introduction during the C-5 desaturation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200799