

Product datasheet for MC214505

Cyb5d1 (NM_001045525) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyb5d1 (NM_001045525) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cyb5d1
Synonyms: Gm740
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214505 representing NM_001045525
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCGCGCCGGGCGCTAGTAGCCGGCCAGACTTGGATAATTTTCAACGTCGGTATTTACGCCGTCAG
 AAGTAGCGGAACACAACCAGCTCGAGGACCTATGGGTGTCTTACCTGGGATTTGTTTACAATCTAACACC
 GCTTGTGCGAGGAATTCAAAGGGGACCTACTGTTGAAACCCATCCTGGAGGTCGCAGGCCAGGACATAAGT
 CACTGGTTTGATCCACAGACTAGAGACATTCGCAAGCATATAGATCCACTCACTGGTTGCATGAGATACC
 GTACCCCGCGGGGCGCTTCGTACATATCCCGCCGCCACTGCCCGTTCAGATTGGGCAATGATTTCCG
 AGTACCCTGGTGAAGGGGGCAAATTACCAGGTGGGACGACTGTCTGCTCGGACCCGGAACATCCGTATT
 ATTAACACTCTTGCAACGCAGGAGCACACACTGCAGGTGGGGCTCAGGAATCAATGTGGGAAATCCTAC
 ACCGCTATCTCCCTATAATGCACATGCTGCCAGCTACACATGGAATACGATGGGAAGAATTTGAACAT
 GGATCAAACCTGGAAGAAAACGGGATCCGGGATGAGGAAGAAGATTTGACTATCTTAACATGGATGGT
 AAATTCACACACCTGCAATACTGCTCTACTTCAATGATGACCTCACAGAGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001045525
Insert Size: 687 bp



[View online »](#)

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:	<u>NM_001045525.1</u> , <u>NP_001038990.1</u>
RefSeq Size:	794 bp
RefSeq ORF:	687 bp
Locus ID:	327951
UniProt ID:	<u>Q5NCY3</u>
Cytogenetics:	11 B3