

Product datasheet for MC206133

Cyb5b (BC054749) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyb5b (BC054749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyb5b
Synonyms:	1810044O22Rik; AU015618; Cyb5m
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>BC054749
CCAGCGCGGGCCGCAAGTCAAGGAAGTTAGCGGTGGAAGCCAGATAGCGGCGGAGAGGGCTTCGGATC
CCATGGCGACCCCGAGGCCAGCGGCAGTGGCGAGAAGTTCGAGGGCTCCGAGCCCTCCGTACCTACTA
CCGGCTGGAGGAGGTGGCGAAGCGAAACTCGGCGGAAGAGACGTGGATGGTGATCCACGGCGAGTCTAC
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TAAATCTGGAAGCTTTCTTCTCTTGGATATGAATTTCACTGGAAAGTAGGCAGTCATTTAAAATTCCT
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GTTAGAATAACAAATAAAGATACTGTTTTCTTTCTTTGTCTGAAAAAAGAAAAAAGAAAAAAGAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** BC054749
- Insert Size:** 441 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:

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: [BC054749](#), [AAH54749](#)

RefSeq Size: 4372 bp

RefSeq ORF: 441 bp

Locus ID: 66427

Cytogenetics: 8 D3

Gene Summary: Cytochrome b5 is a membrane-bound hemoprotein functioning as an electron carrier for several membrane-bound oxygenases.[UniProtKB/Swiss-Prot Function]