

Product datasheet for RN201852

Cyb5b (NM_030586) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyb5b (NM_030586) Rat Untagged Clone
Tag: Tag Free
Symbol: Cyb5b
Synonyms: Cyb5m; omb5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201852 representing NM_030586
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGACCCAGAGGCCAGCGGCAGCGGAGGAATGGCCAGGGCTCCGACCCCGCCGTACCTACTACC
GGCTGGAGGAGGTGGCGAAGCGAAATACCGCGGAGGAGACGTGGATGGTATCCACGGGCGAGTCTACGA
TATCACCCGCTTCTCAGCGAGCATCCTGGTGGAGAAGAGTTCTACTGGAACAAGCTGGTGCCGATGCA
ACTGAAAGCTTTGAAGATGTCGGCCACTCCCCTGATGCCAGGGAGATGCTAAAGCAGTACTACATTGGTG
ATGTCCATCCGAATGACCTTAAACCTAAAGATGGTGACAAGGACCCTTCAAAAAACAATTCATGCCAAAG
TTCTGGGCATATTGGATTGTCCCACATCGTGGGTGCTATTCTTATAGGTTTCTGTATCGTCACTTCTGG
GCTGACAGCAAATCCTCT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_030586
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).



[View online »](#)

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_030586.2</u> , <u>NP_085075.1</u>
RefSeq Size:	2745 bp
RefSeq ORF:	441 bp
Locus ID:	80773
UniProt ID:	<u>P04166</u>
Cytogenetics:	19q12
Gene Summary:	a cytochrome with isoforms located in endoplasmic reticulum and mitochondrial outer membranes [RGD, Feb 2006]