

Product datasheet for **MG200188**

Cox6b1 (NM_025628) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cox6b1 (NM_025628) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Cox6b1
Synonyms: 2010000G05Rik; Cox6b
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MG200188 representing NM_025628
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAAGACATCAAGACTAAAATCAAGAACTACAAAACCTGCCCCCTTTGACAGCCGCTTCCCCAACCC
AGAACCAGACTAAGAACTGTTGGCAGAACTACCTGGACTTCCACCGCTGTGAGAAGGCAATGACGGCCAA
GGGGGGTGTCTCCGTGTGTGAGTGGTACCGCGTGTGTACAAGTCCCTCTGTCCCGTGCATGGGTC
TCAGCCTGGGATGACCGCATAGCTGAAGGCACATTTCTGGGAAGATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG200188 representing NM_025628
Red=Cloning site Green=Tags(s)
MAEDIKTKIKNYKTAPFDSRFPNQNTKNCWQNYLDFHRCEKAMTAKGGDVSVCEWYRRVYKSLCPVSWV
SAWDDRIAEGTFPGKI

TRTRPLE - GFP Tag - V

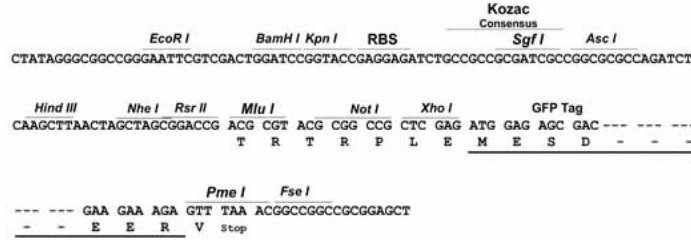
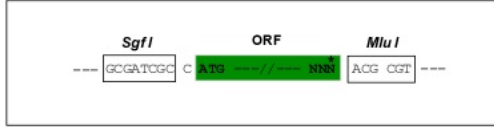
Restriction Sites: Sgfl-MluI



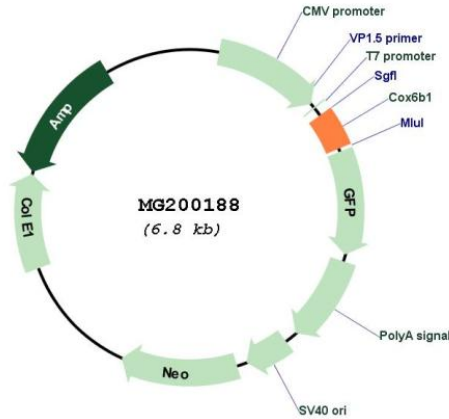
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Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_025628

ORF Size: 258 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_025628.3
RefSeq Size:	506 bp
RefSeq ORF:	261 bp
Locus ID:	110323
UniProt ID:	P56391
Cytogenetics:	7 18.84 cM
Gene Summary:	Connects the two COX monomers into the physiological dimeric form.[UniProtKB/Swiss-Prot Function]