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Product datasheet for MG200177

Manbal (BC030375) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Manbal (BC030375) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Manbal
Synonyms:	1810024K12Rik; AI836500
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

```
>MG200177 representing BC030375
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCCGACCTGGGCTTCTCACCTCCCGAGGTGCCTGAGCCCACCTTCCTGGAGAACCTGCTGCGGT
ATGGACTCTTCCTGGGAGCCATCTTCCAGCTCATCTGTGTCCTGGCCATCATCGTACCCATTCCCAAGTC
CCACGAGGCGGAGGCAGAACAGGCTGAGCCCAGAAGTGCAGAGGGGCCAAAGAAGCCCAAGGCTGCCATC
GCTTCCACCAACAAGAGGCCGAAGAAGGAGACGAAGAAGAAGCGA

ACGCGTACGCGGCCGCTCGAG - GFP Tag -  GTTTAA
```

Protein Sequence:

```
>MG200177 representing BC030375
Red=Cloning site Green=Tags(s)

MASDLGFSPPEVPEPTFLENLLRYGLFLGAIFQLICVLAIIVPIPKSHEAEAEQAEPRSAEGPKKPKAAI
ASTNKRPKKETKKKR

TRTRPLE - GFP Tag -  V
```

Restriction Sites: SgfI-MluI

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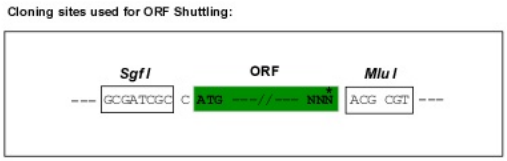
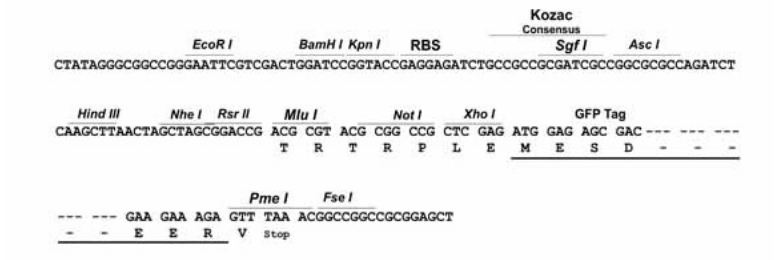
Cloning Scheme:





ACCN:	BC030375
ORF Size:	257 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:	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:	BC030375, AAH30375
RefSeq Size:	1152 bp

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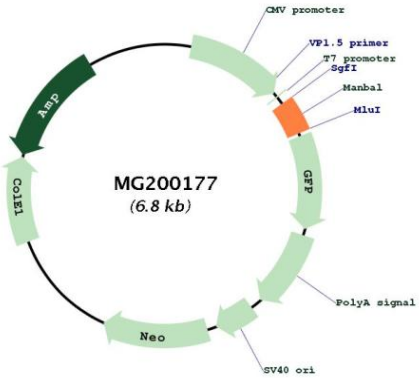
RefSeq ORF:	257 bp
Locus ID:	69161
Cytogenetics:	2 H1

Product images:



Circular map for MG200177

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