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Product datasheet for MG200370

Mrps33 (NM_010270) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrps33 (NM_010270) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Mrps33
Synonyms:	AI841153; CGI-139; Gdap3; MRP-S33; PTD003
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

```
>MG200370 representing NM_010270
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTCCGCTTTCGGAGTATGCACTGCGCATGTCTCGTCTGAGTGCCCGGATCTTTGGTGAAGTGGCCA
GGTCTACTGACTCAAAGTCCATGAAAGTGGTGAGCCTGTTTAGCGAGCAGCCCTTGGCCAAGAAGAAAGA
GACTTATGACTGGTATCCAAATCACAACACGTATTTTGCGCTCATGGGCAACCTCCGTTTCCTTGGCCTT
TACAGAGATGAGCATCAGGACTTTAAGGATGAGCAACGACGTCTAAAGAAGCTCCGTGGGAAGGGGAAAC
CGAGGAAAGGAGAAGGGAAGAGAGCTACAAAAAAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag -  GTTTAA
```

Protein Sequence:

```
>MG200370 representing NM_010270
Red=Cloning site Green=Tags(s)

MSPLSEYALRMSRLSARIFGEVARSTDSKSMKVVSLFSEQPLAKKKETYDWYPNHNTYFALMGNLRFLGL
YRDEHQDFKDEQRRLKKLRGKGKPRKGEGKRATKKK

TRTRPLE - GFP Tag -  V
```

Restriction Sites: SgfI-MluI

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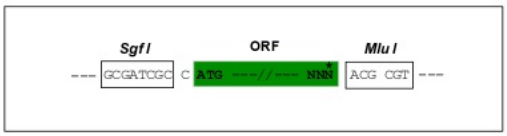
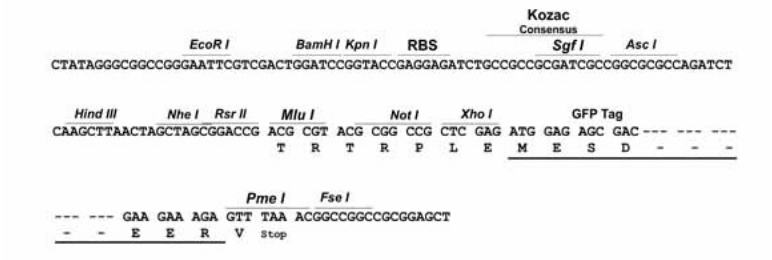
Cloning Scheme:





ACCN:	NM_010270
ORF Size:	318 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:	NM_010270.2, NP_034400.1
RefSeq Size:	1061 bp
RefSeq ORF:	321 bp

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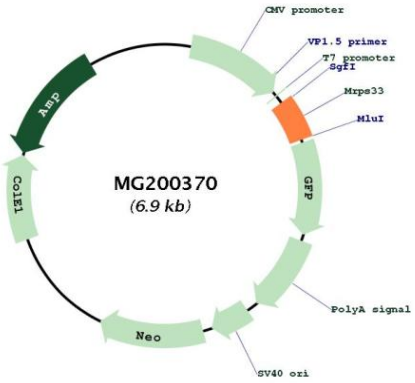
Locus ID:	14548
UniProt ID:	Q9D2R8
Cytogenetics:	6

Product images:



Circular map for MG200370

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