

Product datasheet for **MG211399**

Rbm12 (BC052473) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm12 (BC052473) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rbm12
Synonyms:	SWAN, MGC30712, MGC38279, mKIAA0765
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG211399 representing BC052473
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

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 CTGGATTAACCATCCCCGATGGGGCGTGCATATTGTAGGGGGTGAAGTGGGTGAGGCTTTCATCGTTTT
 TGCCACTGATGAAGATGCAAGGCTTGGTATGATGCGCACAGGTGGTACTATTAAGGGTCAAAGTAAACA
 CTATTATTGAGTAGTAAAACAGAAATGCAAAATATGATTGAAGTGAAGTGTAGGCGTTTTGAAACTGCCA
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

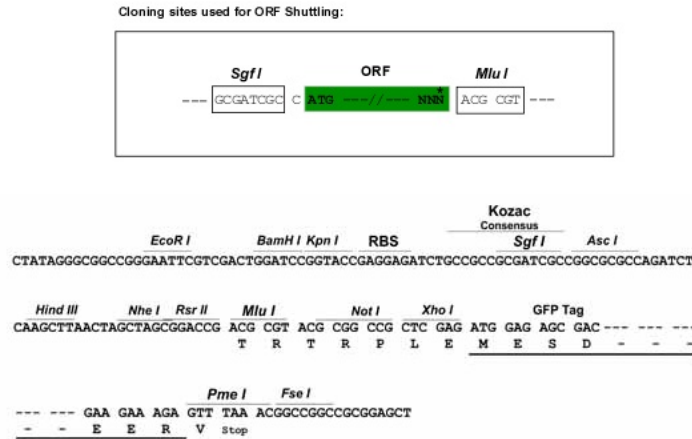
Protein Sequence: >MG211399 representing BC052473
 Red=Cloning site Green=Tags(s)

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 PPPVPTLPPVPPVPPIPPVPSVPPMTTLPPMSGMPPLNPPPVAPLPAGMNGSGAPIGLNNMNPVFLGPL
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 NNI SGPSFGGIPQNFNGPGLNAPPGFGSGPPGLG SVPGHLSGPPAFGPGPGPIHIGPPFGF GASS
 GKPGPTIIKVQNM PFTVSIIDEILDFFYGYQVIPGSVCLKYNEKGMPTGEAMVAFESRDEATAAVIDLNDR
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

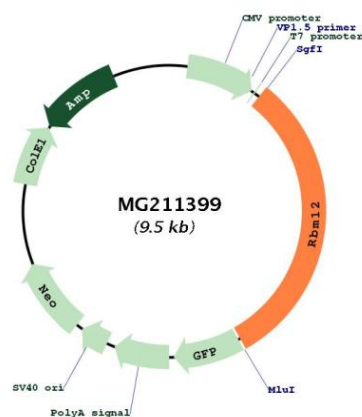


ACCN: BC052473

ORF Size: 2978 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:** [BC052473](#), [AAH52473](#)
- RefSeq Size:** 3739 bp
- RefSeq ORF:** 2978 bp
- Locus ID:** 75710
- Cytogenetics:** 2 H1
- Gene Summary:** This gene encodes a protein that contains several RNA-binding motifs, potential transmembrane domains, and proline-rich regions. This gene and the gene for copine I overlap at map location 2 H2. Two alternatively spliced transcript variants have been identified for this gene. Both variants encode the same protein. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MG211399

