

## Product datasheet for **MG204952**

### Rsrc1 (NM\_025822) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rsrc1 (NM\_025822) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Rsrc1  
**Synonyms:** 1200013F24Rik; SRrp53  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG204952 representing NM\_025822  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGACGCCGGTCTTCAGACACTGAAGAGGAAAGCAGAAGCAAGAGGAAAAAGAAACACCGAGGCGCT  
 CGTCTTCAAGCAGCTCTTCAGACAGCAGGACATACAGCCGCAAGAAGGGCGGGAGGAGGCCGAGGTCCGA  
 CTAAGGTCTGGTCTAGAGACCGCCAGCTTCGCTCGATTCTTATGAGAGAAGACGCAGGCGCAGATCA  
 AGCAGCAGCTCTTCTTATGGCTCCAGAAGGAAAAGAAGTCGCAGTCGTTCCAGGGGCCGAGGAAAACCT  
 ATAGAGTTCAAAGGTCTCGGTCAAAAAGCAGAACCAGAAGGTCCAGGTCAAGGCCTCGTCCAGCTCACA  
 TAGTAGAAGCAGTGAAAGATCCAGTCACAGAAGAACCCTAGCAGGTCCAGGGACAGAGACAGACGTAAA  
 GTCCGGGACAAAGAGAAAAGAGAAAAGGAGAAGGATAAAGGCAAAGACAAAGAAGTGCACAGCATCAAAC  
 GCGGGGATTCTGGAAACATCAAAGCTGGATTAGAACATCTGCCTCCAGCTGAGCAGGCCAAAGCCAGACT  
 GCAATTGGTCTTGAAGCTGCTGCAAAGCTGATGAAGCATTAAAAGCCAAAGAAAGGAGTGAGGAAGAA  
 GCAAAGAGAAGAAAAGAAGAAGCAAGCCACCCTGGTAGAACAAAGTCAAAGAGTAAAGGAAATCGAAG  
 CAATTGAAAGTGATTCTTTGTTTCAGCAGACATTAGATCAAGTAAAGACGTCAAAGGCGAGTAGAACC  
 AAGTGAAGTGCAGCATGTGACTGCGGCATCAGGACCAGCATCCGACGCTGCTGAGCCACCCAGCACTGGA  
 AAGGAAATAGACCCTGACAGCATCCCCACGGCTATCAAGTACCAAGATGACAATTCTTAGCTCATCCAA  
 ATCTATTTATTGAAAAGGCCGAGGCTGAAGAAAAGTGGTTCAAGAGATTAAATCGCTCTCCGACAAGAAAG  
 GCTGATGGGCAGTCCCGTGGCC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG204952 representing NM\_025822  
Red=Cloning site Green=Tags(s)

MGRRSSDTEEESRSKRKKKHRRSSSSSSSDSRTYSRKKGGRRPRSDRSWSRDRQLRSHSYERRRRRRS  
 SSSSYGSRKRKRSRSRGRGKPYRVQSRKSRTRRSRSPRPRSHSRSSSHRRTSRSDRDRRK  
 VRDKEKREKEDKDGKDEVHSIKRGDSGNIKAGLEHLPPAEQAKARLQLVLEAAAKADEALKAKERSEEE  
 AKRRKEEDQATLVEQVKRVKEIEAIESDSFVQQTFRSSKDVKKAVEPSEVQHVTAAASGPASAAAEPPSTG  
 KEIDPDSIPTAIKYQDDNSLAHPNLFIEKAEAEKWKRLIALRQERLMGSPVA

TRTRPLE - GFP Tag - V

**Restriction Sites:**

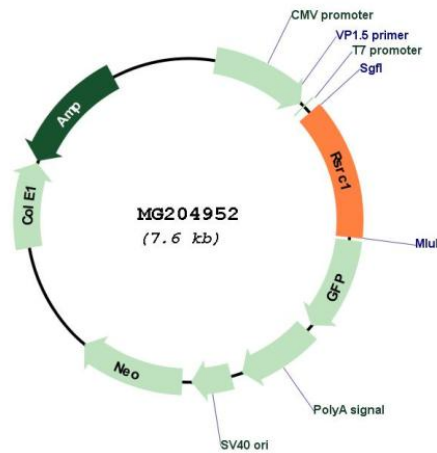
SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_025822

**ORF Size:** 1002 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_025822.4</a>
<b>RefSeq Size:</b>	3232 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	66880
<b>UniProt ID:</b>	<a href="#">Q9DBU6</a>
<b>Cytogenetics:</b>	3 E1
<b>Gene Summary:</b>	Plays a role in pre-mRNA splicing. Involved in both constitutive and alternative pre-mRNA splicing. May have a role in the recognition of the 3' splice site during the second step of splicing (By similarity).[UniProtKB/Swiss-Prot Function]