

## Product datasheet for **MG201553**

### Cuta (BC024422) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cuta (BC024422) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Cuta  
**Synonyms:** 0610039D01Rik; 1810022E02Rik; 1810060C03Rik; 2700094G22Rik; AI326454  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201553 representing BC024422  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGTGGGGCGGGCGCCCGCGTCTTGCTCGGCGAGGGGCCACTCTGCTCCTGTCGTTTCTTTGGA  
 TGCCAGCGCTACTGCCGGTGGCTTCCCGCTTCTGTTGCTACCCCGAGCTCTGCTGTCAATGGCTTCTGG  
 AAGCCCTCCGTCACGCCCTCCGGCTCGGGCTCGGGTACGTTCCAGGATCAGTCTCTGCAGCCTTT  
 GTCACCTGTCCCAACGAAAAAGTCGCCAAGGAGATCGCCAGGGCAGTGGTAGAGAAGCGTCTGCCAGCCT  
 GCGTCAACCTCATCCCGCAGATCACATCCATCTATGAATGGAAAGGAAAGATCGAGGAAGATAGTGAGGT  
 GCTGATGATGATTAACCCAAAGCTCCCTGGTCCCTGCTCTGACAGAGTTTGTTCGATCTGTGCACCTT  
 TATGAAGTGGCCGAAGTATTGCACTGCCTGTGGAGCAGGGAAATCCCCGTACCTGCACTGGGTGCACC  
 AGGTACACAGAATCGGTTTCAAATTCTGGCACAGCCCTACCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG201553 representing BC024422  
 Red=Cloning site Green=Tags(s)

MNWGRAPGVLLGGGATLLL SFLWMPALLPVASRLLLLPRALLSMASGSPSPQPPASGSGYVPGSVSAAF  
 VTCPNEKVAKEIARAVVEKRLAACVNLIPQITSIYEWKGIIEEDSEVLMMIKTQSSSLVPALTEFVRSVHP  
 YEVAEVIALPVEQGNPPYLHWVHQVTESVNSGTALP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

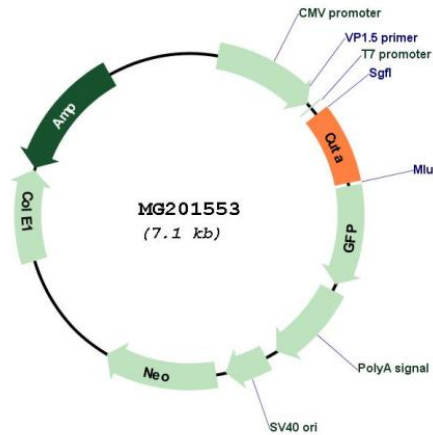


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Cloning Scheme:



Plasmid Map:



ACCN: BC024422

ORF Size: 533 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.

<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>	<u><a href="#">BC024422</a></u> , <u><a href="#">AAH24422</a></u>
<b>RefSeq Size:</b>	673 bp
<b>RefSeq ORF:</b>	533 bp
<b>Locus ID:</b>	67675
<b>Cytogenetics:</b>	17 A3.3