

## Product datasheet for **MG201070**

### **A730017C20Rik (NM\_173759) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** A730017C20Rik (NM\_173759) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** A730017C20Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG201070 representing NM\_173759  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTGCATACCAAGAAGACAGAGAGGAAGACACATGTACTATTGGGGAGAGAGAAAAACCATTGCTA  
 CTCAGCGAATCAAGGGATTTGGTGTGGAGAACCAGTCCCTTCTGAGAGTCCAGCATCCATGTCTTC  
 AGTTATGAAGAACAACCCGTTGTATGGTGACATAACTTTGGAAGAAGCTATGGAAGAAAGGAAAAAGAGT  
 CCTTCATGGACCATTGAGGAGTATGACAAGCATTCTGTGCATACAAATCTCTCTGGACATCTGAAGGAAA  
 ACCCCAACGACCTGCGCTTTTGGTTGGGGATACGTACACTCTGGCTTCGACACTCTGCTGAAAAAGAA  
 GAAGAAACGCAACAAGCGATCAAATTTGTGTACATGGGTCTGATTTTACTCCTTGTGGCCTCCATTCTG  
 GTTACCATAGTGACTCTCAGCACCATATTCTCT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG201070 representing NM\_173759  
 Red=Cloning site Green=Tags(s)

MPAYQEDREEDTCTIGEREKTIATQRIKGFVNPVLPESPPASMSSVMKNPLYGDITLEEAMEERKKS  
 PSWTIEEYDKHSVHTNLSGHLKENPNDLRFWLGDYTPGFDLLKKKKRKRKSKLCHMGLILLLVASIL  
 VTIVTLSTIFS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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<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_173759.4</a>
<b>RefSeq Size:</b>	1812 bp
<b>RefSeq ORF:</b>	582 bp
<b>Locus ID:</b>	225583
<b>UniProt ID:</b>	<a href="#">Q8C4X7</a>
<b>Cytogenetics:</b>	18 D3