

## Product datasheet for **MG220657**

### **Arl2bp (NM\_024269) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Arl2bp (NM\_024269) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Arl2bp  
**Synonyms:** 1700010P10Rik; 1700027H16Rik; 6330544B05Rik; AI482273; AI849834; BART; Bart1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG220657 representing NM\_024269  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGCTCCTCCGCTCTGATGCAGAATTTGATGCTGTGGTTGGATGTTTAGAGGACATTATTATGGATG  
ATGAGTTCAGTTATTGCAGAGAACTTCATGGACAAGTACTACCAGGAATTTGAAGACACAGAAGAGAA  
TAAACTCACCTATACACCCATTTTTAATGAATATATCTCCCTGGTAGAGAAGTACATTGAAGAGCAGTTG  
CTGGAGCGTATCCAGGCTTCAACATGGCGCCTTCAACAACACGCTGCAGCACCACAAAGATGAGGTGG  
CTGGCGACATCTTGACATGCTGCTCACATTCACGGATTTCTGGCTTCAAGGAGATGTTCTGGACTA  
CAGAGCAGAAAAGGAAGCCGAGGACTGGACTTAAGCAGCGGCTTGGTTGTGACTTCTGTGTAAGTCA  
TCTTCTACGCCAGCTTCCAGAACAACCTGCGGCAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >MG220657 representing NM\_024269  
**Red=Cloning site Green=Tags(s)**

MRSSASDAEFDAVVGLEDIIMDDEFQLLQRNFMKYYQEFEDTEENKLYTPIFNEYISLVEKYIEEQL  
LERIPGFNMAAFTTTLQHHKDEVAGDIFDMLLTFDFLAFKEMFLDYRAEKEGRGLDLSGLVVTSLCKS  
SSTPASQNNLRH

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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<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="#">NM_024269.4</a></u> , <u><a href="#">NP_077231.1</a></u>
<b>RefSeq Size:</b>	749 bp
<b>RefSeq ORF:</b>	459 bp
<b>Locus ID:</b>	107566
<b>UniProt ID:</b>	<u><a href="#">Q9D385</a></u>
<b>Cytogenetics:</b>	8 C5
<b>Gene Summary:</b>	Together with ARL2, plays a role in the nuclear translocation, retention and transcriptional activity of STAT3. May play a role as an effector of ARL2 (By similarity).[UniProtKB/Swiss-Prot Function]