

Product datasheet for **MG201301**

Arl2bp (BC002131) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arl2bp (BC002131) 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: >MG201301 representing BC002131
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGCCCTAGAAGAAGAGAGCTTCGCGCTGTCCTTCTCTCCGCTCTGATGCAGAATTTGATGCTG
TGGTTGGATGTTAGAGGACATTATTATGGATGATGAGTTCAGTTATTGCAGAGAACTTCATGGACAA
GTACTACCAGGAATTTGAAGACACAGAAGAGAATAAACTCACCTATACCCATTTTTAATGAATATATC
TCCCTGGTAGAGAAGTACATTGAAGAGCAGTTGCTGGAGCGTATCCAGGCTTCAACATGGCGGCCCTTCA
CAACCACGCTGCAGCACCACAAAGATGAGGTGGCTGGCGACATCTTTGACATGCTGCTCACATTCACGGA
TTTTCTGGCTTTCAAGGAGATGTTCTGGACTACAGAGCAGAAAAGGAAGCCGAGGACTGGACTTAAGC
AGCGGCTTGTTGTGACTTCTCTGTGTAAGTCATCTTCTACGCCAGCTTCCAGAACAACTGCGGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201301 representing BC002131
Red=Cloning site Green=Tags(s)

MDALEEESFALSFSSASDAEFDVVGCLEDIIMDDEFQLLQRNFMKYYQEFEDTEENKLYTPIFNEYI
SLVEKYIEEQLLERIPGFNMAAFTTTLQHHKDEVAGDIFDMLLTFDFLAFKEMFLDYRAEKEGRGLDLS
SGLVVVTSLCKSSSTPASQNNLRH

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>BC002131</u> , <u>AAH02131</u>
RefSeq Size:	1930 bp
RefSeq ORF:	491 bp
Locus ID:	107566
Cytogenetics:	8 C5
Gene Summary:	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]