

## Product datasheet for **MG203292**

### **Krcc1 (BC046798) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Krcc1 (BC046798) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Krcc1  
**Synonyms:** AA792894  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203292 representing BC046798  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCATTCAAACAAGCCATATGACTCTTTTCAAGATGAACTGAAGATTATATTAAGTACAGAAAG  
CCAGAGGCTTAGAGCCAAAGACTTGTTTCAGAAGGATGAGAGGGGAGTATTTGGAAAGCTGTGGGTACAG  
AGAAGAGTTTGATTCCAGGCCAGGTATAGAATGTTTGATCAGAGACTCCCATCTGGAACCAACCATTC  
TACCCAAGATCATGCAGTAGTTCACAGACAGAAGACCGGGTACCCAGTGTTACCAGCTCATGACAAGA  
TAAGACTAAACTCTCTGAGCTACTGTCAATTCACCAGGGATGGCTTCTCAGAAAAACCAGTCCCCTTGAA  
CCTTAGTCAGCAAGAATACAATTGGGCTCATATAGTGTAGAATCTGTAGTTCACAAGCGCCTCTGCTCA  
GAACACAGTACCATCGACCCTCAAGTCAGTCATAGACAAATGCACCAGAAGGAAAAAATGTAGAAG  
AGGGCAGAGAAAAGCAGGAAGAACGGCCAAACATGAGAGGAAAAGGAGTTCTGAGGAAATGGATTTAAA  
TAAACATAGAAGCATCCAAGAAAAGAAAACAAAGGCAGAAACAGAACTGTACAGGATGGTACAGAAAAG  
CTTAAGAATCGAAAAGAGAAAAAACCCGAGATGTATCATCTAAGAAAAGAGGACCGTAAGCGTAGGAAGG  
AAAAAAGGAACAAGGTGAAGAAAGGACAGAGGAGGAGATGCTTTGGGACCAGTCTATTCTTGGATTT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG203292 representing BC046798  
 Red=Cloning site Green=Tags(s)

MKHSNKPYDSFQDELEDYIKVQKARGLEPKTCFRMRGEYLESCGYREEFDSRPRYRMFDQRLPSGTNHS  
 YPRSCSSSQTEDRVLPQWLPADKIRLNLSYQCFTRDGFSEKPVPLNLSQQEYNCGSYSVESVVKRLCS  
 EHSTIDPQVSHRQMHQKRKKHVEEGREKQEERPKHERKRSSEMDLNKHSIQRKKTKAETETVQDGTK  
 LKNRKEKKTRDVSSKKEDRKRKKEKKEQGEERTEEEMLWDQSILGF

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC046798

**ORF Size:** 768 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.

**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:**

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:** [BC046798.1](#)

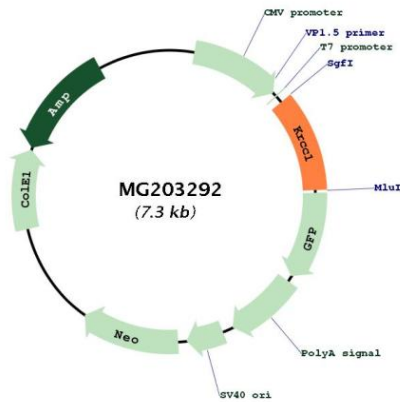
**RefSeq Size:** 1668 bp

**RefSeq ORF:** 770 bp

**Locus ID:** 57896

**Cytogenetics:** 6 C1

**Product images:**



Circular map for MG203292