

## Product datasheet for **MG209957**

### **Ski (BC068305) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ski (BC068305) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ski
Synonyms:	MGC8300
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide  
Sequence:**

>MG209957 representing BC068305  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAAGCTGCAGCGGCCGGCCGGGGCGGCTTCCAGCCGACCCGGGGCTGCAGAAGACGCTGGAGCAGT  
 TCCACCTGAGCTCCATGAGCTCGCTGGCGGCCGGCCGCTTCTCGGCCGCTGGGCGCAGGAGGCCTA  
 CAAGAAGGAGACCGTGTGGAAGGGGAGACCATCTCTTGTTCGTTGGTGGGAGGTGAGAAGCGTCTGTGC  
 CTGCCGCAGATCCTCAACTCGGTGCTGCGCGACTTCTCACTGCAGCAGATCAACTCCGTGTGCGATGAGC  
 TGCACATCTACTGCTCGCGCTGCACCGCCGACCAGCTGGAGATCCTCAAAGTCATGGGCATCCTGCCCTT  
 CTCGCGCCCTCTGCGGGCTCATACCAAGACGGACGCCGAGCGCCTGTGCAACGCGTCTCTACGGC  
 GCGCCTACCCGCGCCTTGCAAGAAGAAGTTGGCGGCCAGCCTGGCGCTGGGCTGGAGCTCAGCGAAC  
 GCAGCGTCCGCGTGTACCACGAGTGCTTCGGCAAGTGCAAAGGGTGTGTTGCCGAGCTGTACAGCAG  
 TCCAGCGCTGCCTGCATCCAGTGCCTCGACTGCCGCTCATGTACCCGCGCACAAAGTTCGTTGTACAC  
 TCACACAAGGCCCTGGAGAACCGGACCTGCCACTGGGGCTTCGACTCAGCCAACCTGGCGGGCCTACATCC  
 TGCTGAGCCAGGACTACACGGGCAAGGAGGAGCAGGCCCGCCTTGGCCGCTGCCTGGACGACGTGAAGGA  
 GAAGTTCGACTATGCCAACAAGTACAAGCGGAGGGTGCCCGGGTCTCAGAGCCCCAGCTTCCATAAGA  
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 GGACCTTGGTGGTTCCTCCAATAAGAGCCTCGGCTGCACTCACCTCGCCAGCGCCTTCTGCTTCCG  
 GCCCTGGTCCCCTGCAGTGTCTGCGAGTGAGAAAGAGACGTCCCCACACCTCCAGCTTTGATTCGAGAC  
 AGCTTCTACTCCTACAAGAGCTTTGAGACAGCCGTGGCCCCAATGTGGCCCTAGCACCAACCCAGC  
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 CCAGCCACGAAAACGGAAGCTGACTCTGGACACAGCAGGAGCCCCAGACATGCTGACACCTGTGGCTGCT  
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 CCTCGCTGCCTCCTCCTTTACCTCGTCCAGCTCTGCCAAGGATCTAAGCTCCCAGGCATGCATGC  
 TCCGCCCGTGGTGGCCCCGATGCTGCAGCCATGTTGATGCCCAAGTGGGCTGGAGGCAGAGTTGGAG  
 CACCTGCGGCAAGCCCTGGAGGGTGGCCTGGATACTAAGGAAGCCAAAGAAAAGTTCTGCATGAGGTGG  
 TCAAAAATGCGAGTTAAGCAAGAGGAAAAGCTGACAGCAGCCCTGCAGGCTAAGCGCAGCCTGCACCAGGA  
 GCTAGAATTCTTGCCTGTGGCCAAGAAGGAGAAAAGTGGGGAAGCCACAGAGGCCAAGCGCAGTTTGGG  
 AAAGAGATTGAGCGGCTCCGAGCTGAAAACGAGAAGAAGATGAAAGAGGCCAACGAGTCCCGGGTGCGCC  
 TGAAGCGAGAGCTGGAGCAGGCGCGCAGGTCCGGGTGTGTGACAAGGGCTGCGAGGCCGGCGCCTGCG  
 TGCCAAGTACTAGCCCAGATTGAGGACCTGCAAGCGAAGCTGCAGCATGCGGAGGCCGACCCGCGAGCAG  
 CTTTCGAGCTGACCTGCTGCGGGAACGTGAGGCCCGCAGCATCTGGAGAAGGTGGTGGGGAGCTTCAGG  
 AGCAGCTGCGGCCTCGGCCACGGCCTGAGCATCCTGGAGGTGAGAGCAACGCTGAGCTGGGTCCC

**ACGCGT**ACGCGGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:** >MG209957 representing BC068305  
 Red=Cloning site Green=Tags(s)

```
MEAAAAGRGGFQPHPLQKTLEQFHLSSMSSLGGPAAFSARWAQEAYKKETVLEGETISCFVVGGEKRLC
LPQILNSVLRDFSLQQINSVCDELHIYCSRCTADQLEILKVMGILPFSAPSCGLITKTD AERLCNALLYG
GAYPPPCKKKLAASLALGLELSERSVRVYHECFGKCKGLLVPELYSSPSAACIQCLDCRLMYPPHKFVVH
SHKALENRTCHWGFDSANWRAYILL SQDYTGKEEQARLGRCLDDVKEKFDYANKYKRRVPRVSEPPASIR
PKTDDTSSQSPASEKDKQSTWLRRTL AGSSNKSLGCTHPRQLSAFRPWSPAVSASEKETSPHLPALIRD
SFYSYKSFETAVAPNVALAPPTQQKVVNSPPCTTVVSRAPPELTTTCIQPRKRKLLTDTAGAPDMLTPVAA
AEEDKDSEAEVEVESREEFTSSLSSLSPTSFTSSSSAKDLSSPGMHAPPVVAPDAAAHVADAPSGLEAELE
HLRQALEGGLDTKEAKEKFLHEVVKMRVKQEEKLTAALQAKRSLHQELEFLRVAKKEKLEATEAKRSLR
KEIERLRAENKKMKEANESRVRLKRELEQARQVRVCDKGCEAGRLRAKYSAQIEDLQAKLQHA EADREQ
LRADLLRERAREHLEKVVRELQELRPRRPEHPGGESNAELGP
```

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC068305

**ORF Size:** 2027 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:** [BC068305](#), [AAH68305](#)

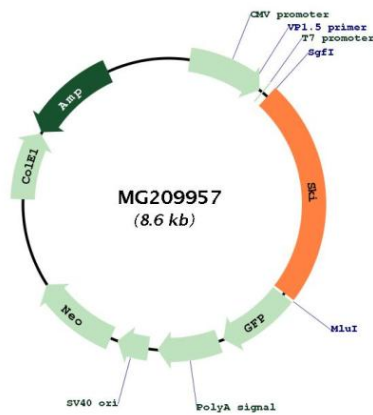
**RefSeq Size:** 3912 bp

**RefSeq ORF:** 2027 bp

**Locus ID:** 20481

**Cytogenetics:** 4 86.17 cM

**Product images:**



Circular map for MG209957