

Product datasheet for **MR209957**

Ski (BC068305) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ski (BC068305) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ski
Synonyms:	MGC8300
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR209957 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCTGCAGCGGCCGGCCGGGGCGGCTTCCAGCCGACCCGGGGCTGCAGAAGACGCTGGAGCAGT
 TCCACCTGAGCTCCATGAGCTCGCTGGGCGGCCGGCCGCTTTCTCGGCGCGCTGGGCGCAGGAGGCCTA
 CAAGAAGGAGACCGTGTGGAAGGGGAGACCATCTCTTGTTCGTTGGTGGGAGGTGAGAAGCGTCTGTGC
 CTGCCGCAGATCCTCAACTCGGTGCTGCGCGACTTCTCACTGCAGCAGATCAACTCCGTGTGCGATGAGC
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 CTCCGCGCCCTCTGCGGGCTCATACCAAGACGGACGCCGAGCGCCTGTGCAACGCGTCTCTACGGC
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 TCCGCCCGTGGTGGCCCCGATGCTGCAGCCATGTTGATGCCCAAGTGGGCTGGAGGCAGAGTTGGAG
 CACCTGCGGCAAGCCCTGGAGGGTGGCCTGGATACTAAGGAAGCCAAAGAAAAGTTCTGCATGAGGTGG
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 GCTAGAATTCTTGCCTGTGGCAAGAAGGAGAAAAGTGGCGGAAGCCACAGAGGCCAAGCGCAGTTTGGG
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 TGAAGCGAGAGCTGGAGCAGGCGCGCAGTCCGGGTGTGTGACAAGGGCTGCGAGGCCGGGCGCCTGCG
 TGCCAAGTACTAGCCCAGATTGAGGACCTGCAAGCGAAGCTGCAGCATGCGGAGGCCGACCCGCGAGCAG
 CTTGAGCTGACCTGCTGCGGGAACGTGAGGCCCGCAGCATCTGGAGAAGGTGGTGAAGGAGCTTCAGG
 AGCAGCTGCGGCCTCGGCCACGGCCTGAGCATCCTGGAGGTGAGAGCAACGCTGAGCTGGTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209957 protein sequence
Red=Cloning site Green=Tags(s)

```
MEAAAAGRGGFQPHPLQKTLEQFHLSSMSSLGGPAAFSARWAQEAYKKETVLEGETISCFVVGGEKRLC
LPQILNSVLRDFSLQQINSVCDELHIYCSRCTADQLEILKVMGILPFSAPSCGLITKTD AERLCNALLYG
GAYPPPCKKKLAASLALGLELSERSVRVYHECFGKCKGLLVPELYSSPSAACIQCLDCLMYPHFKFVVH
SHKALENRTCHWGFDSANWRAYILL SQDYTGKEEQARLGRCLDDVKEKFDYANKYKRRVPRVSEPPASIR
PKTDDTSSQSPASSEKDKQSTWLR TLAGSSNKSLGCTHPRQRLSAFRPWSPAVSASEKETSPHLPALIRD
SFYSYKSFETAVAPNVALAPPTQQKVVNSPPCTTVVSRAPPELTTTCIQPRKRKLTLDTAGAPDMLTPVAA
AEEDKDSEAEVEVESREEFTSSLSSLSPTSFTSSSSAKDLSSPGMHAPPVVPDAAAHVADAPSGLEAELE
HLRQALEGGLDTKEAKEKFLHEVVKMRVKQEEKLTAALQAKRSLHQELEFLRVAKKEKLREATEAKRSLR
KEIERLRAENKKMKEANESRVLKRELEQARQVRVCDKGCEAGRLRAKYSAQIEDLQAKLQHA EADREQ
LRADLLRERAREHLEKVVRELQELRPRPRPEHPGGESNAELGP
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC068305

ORF Size: 2025 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

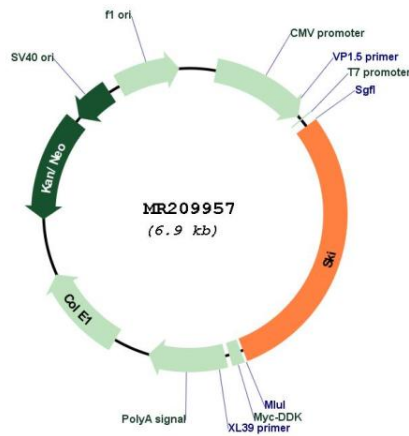
RefSeq ORF: 2027 bp

Locus ID: 20481

Cytogenetics: 4 86.17 cM

MW: 75 kDa

Product images:



Circular map for MR209957