

Product datasheet for **MR223989**

Ski (NM_011385) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ski (NM_011385) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ski
Synonyms:	2310012I02Rik; 2610001A11Rik; AA062172; AA589460; BC004088
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR223989 representing NM_011385
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGCTGCAGCGGCCGGCCGGGGCGGCTTCCAGCCGACCCGGGGCTGCAGAAGACGCTGGAGCAGT
 TCCACCTGAGCTCCATGAGCTCGCTGGGCGGCCGGCCGCTTTCTCGGCGCGCTGGGCGCAGGAGGCCTA
 CAAGAAGGAGAGCGCAAGGAGGCGGGTGCGGCCACAGTGCCGGCGCGGTGCCACTGCCCGGAGCCG
 CCGCCCGTGTGCACCTGCCTGCCATCCAGCCGCCCGCCCGTCTTCCGGGCCCTTCTTCATGCCGT
 CGGACCGCTCCACCGAGCGCTGTGAGACCGTGTGGAAGGGGAGACCATCTTTGTTTCGTGGTGGGAGG
 TGAGAAGCGTCTGTGCCTGCCGAGATCTCAACTCGGTGCTGCGCGACTTCTCACTGCAGCAGATCAAC
 TCCGTGTGCGATGAGCTGCACATCTACTGCTCGCGCTGCACCGCCGACCAGCTGGAGATCTCAAAGTCA
 TGGGCATCTGCCCTTCCGCGCCCTCCTGCGGGCTCATCTAAGACGGACGCCGAGCGCCTGTGCAA
 CGCGCTGCTCTACGGCGCGCCTACCCGCCCTTGCAAGAAGGAGTTGGCGGCCAGCCTGGCGCTGGGC
 CTGGAGCTCAGCGAACGACGCTCCGCGTGTACCACGAGTGTTCGGCAAGTGAAGGGGCTGTGGTGC
 CCGAGCTGTACAGCAGTCCCAGCGCTGCCTGCATCCAGTGCCTCGACTGCCGCCCTCATGTACCCGCCGA
 CAAGTTCGTTGTACACTCGCACAAAGGCCCTGGAGAACCGACCTGCCACTGGGGCTTCGACTCAGCCAAC
 TGGCGGGCCTACATCCTGCTGAGCCAGGACTACACGGGAAGGAGGAGCAGGCCCGCCTTGGCCGCTGCC
 TGGACGACGTGAAGGAGAAGTTCGACTATGCCAACAAAGTACAAGCGGAGGGTGCSCCGGGTCTCAGAGCC
 CCCAGCTTCCATAAGACCCAAAACAGACGACACTTCTCACAGTCCCCTGCGTCTTCTGAGAAGGACAAG
 CAGTCCACTTGGCTGCGGACCTTGGTGGTTCCTCCAATAAGAGCCTCGGCTCACTCACCTCGCCAGC
 GCCTTTCTGCTTCCGGCCCTGGTCCCCTGCAGTGTCTGCGAGTGAGAAAGAGACGTCCTCCACCTCCC
 AGCTTTGATTGAGACAGCTTCTACTCCTACAAGAGCTTTGAGACAGCCGTGGCCCCAATGTGGCCCTA
 GCACCACCAACCCAGCAAAGGTTGTGAACAGTCCACCCTGCACCACCGTGGTCTCCCGGCACCCAGAGC
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 TTCACCTCCTCCTGTCTCGTGTCTCTCCGTCCTTTACCTCGTCCAGCTCTGCCAAGGATCTAAGCT
 CCCCAGGCATGCATGCTCCGCCGTGGTGGCCCCGATGCTGCAGCCATGTTGATGCCCAAGTGGGT
 GGAGGCAGAGTTGGAGCACCTGCGGCAAGCCCTGGAGGGTGGCCTGGATACTAAGGAAGCCAAAGAAAAG
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 GCAGCCTGCACCAGGAGCTAGAATTCCTGCGTGTGGCCAAGAAGGAGAACTGCGGGAAGCCACAGAGGC
 CAAGCGCAGTTTGAAGAAAGAGATTGAGCGGCTCCGAGCTGAAAACGAGAAGAAGATGAAAGAGGCCAAC
 GAGTCCCGGGTGCCTGAAGCGAGAGCTGGAGCAGGCGCGCAGGTCCGGGTGTGTGACAAGGGCTGCG
 AGGCCGGGCGCCTGCGTGCCAAGTACTCAGCCAGATTGAGGACCTGCAAGCGAAGCTGCAGCATGCGGA
 GGCCGACCGCGAGCAGCTTCGAGCTGACCTGCTGCGGGAACGTGAGGCCCGCGAGCATCTGGAGAAGGTG
 GTGAGGGAGCTTCAGGAGCAGCTGCGGCCCTCGGCCACGGCCTGAGCATCTGGAGGTGAGAGCACGCTG
 AGCTGGGTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223989 representing NM_011385
 Red=Cloning site Green=Tags(s)

MEAAAAGRGGFQPHPLQKTLEQFHLSSMSSLGGPAAFSARWAQEAYKKESAKEAGAATVPAPVPTAAEP
 PPVLHLPAIQPPPPVLPGPFFMPSDRSTERCETVLEGETISCFVVGGEKRLCLPQILNSVLRDFSLQGIN
 SVCDELHIYCSRCTADQLEILKVMGILPFSAPSCGLITKTAERLCNALLYGGAYPPPCKKELAASLALG
 LELSERSVRVYHECFGKCKGLLVPELYSSPSAACIQCLDCRLMYPPHKFVVHSHKALENRTCHWGFDSAN
 WRAYILLSQDYTGKEEQARLGRCLDDVKEKFDYANKYKRRVPRVSEPPASIRPKTDDTSSQSPASSEKDK
 QSTWLRTLAGSSNKSLGCTHPRQRLSAFRPWSPAVSASEKETSPHLPALIRDSFYYSKSFETAVAPNVAL
 APPTQQKVVNSPPCTTVVSRAPLEPLTTCIQPRKRKLTLDTAGAPDMLTPVAAAEEEDKDSEAEVEVESREE
 FTSSLSSLSPPFTSSSSAKDLSSPGMHAPPVVAPDAAAHVDAPSGLEAELEHLRQALEGGLDTKEAKEK
 FLHEVVKMRVKQEEKLTAALQAKRSLHQELEFLRVAKKEKLREATEAKRSLRKEIERLRAENKMKMEAN
 ESRVRLKRELEQARQVRVCDKGCEAGRLRAKYSAQIEDLQAKLQHAEADREQLRADLLREREAHLEKV
 VRELQEQLRPRRPEHPGGESNAELGP

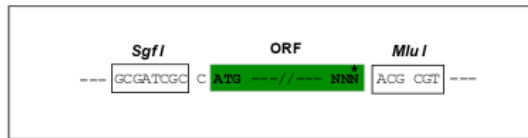
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2647_g11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_011385

ORF Size: 2181 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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: [NM_011385.2](#), [NP_035515.2](#)

RefSeq Size: 5481 bp

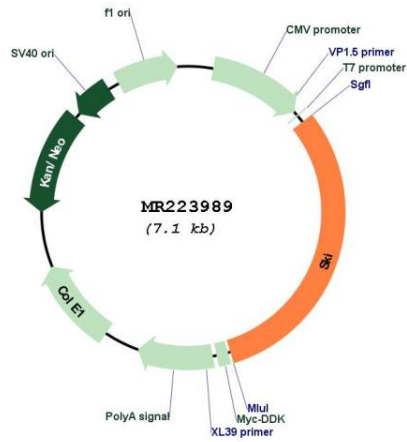
RefSeq ORF: 2184 bp

Locus ID: 20481

Cytogenetics: 4 86.17 cM

MW: 80.8 kDa

Product images:



Circular map for MR223989