

Product datasheet for **MC205449**

Skil (NM_001039090) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skil (NM_001039090) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Skil
Synonyms:	S; Skir; sno; sno-; SnoN
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049934
 GTACAATCTATTGAGTAAGAAAATTCATCTTTGGAAAAGTAAACATTTCTAAGTGAGTCATAAGTATTTGT
 ATACATTTCCCCTTTTCTCTTCAGATTAGGAACTGAGAACAACATGCCAGTTGCAGACTTAATCGTTTAAA
 GCACCAGTGTGGCCATGGAAAACCTCCAGTCTAAGTTCTCCTTAGTTCAGGGTTCAAATAAAAAGCTGAA
 CGGCATGGAGGATGATGGCAGTCTCCTGTGAAAAAATGATGACCGACATTCATGCCAATGGGAAAACC
 CTGACCAAGGTGAAGAAGGAGCACTTAGATGACTATGGAGATGCATCCGTGGAGCCGGATGGCGAGCAGC
 CCAAGCGAAAACCGTGTCTCTACCTGAAACTTTAAATTTAAACCCCAAGTCTGAAACACACGCTGGCACA
 ATTCCACTTAAGCAGTCAGAGCTCTTTGGGTGGACCAGCAGCATTTTCTGCTCGATATTTCCAGGAGAGC
 ATGTCACCGACTGTATTCTGCCTCTTCCCTCTCCTCAGGTTCTTCCCGCCCTCTTCTCATTCTTCTG
 ATAGTCCACAGAGCTCACTCAGACTCTTTTGGAAAGGGAGTCTATTTCTGTTTTCAAGTTGGAGGAGA
 AAAGAGACTCTGTTTGGCCCAAGCTTAAACTCTGTCTCCGAGAATTTTCACTCCAGCAGATAAACACA
 GTATGTGATGAGCTGTACATCTATTGTTCAAGGTGTACTTCAGACCAGCTTCATATCTTAAAGGTCTTAG
 GGATACTCCATTTAATGCTCCATCCTGTGGGCTGATCACGTTGACCGATGCACAAAGACTCTGTAATGC
 TTTACTGCGGCCACGAACCTTCTCAAATGGTAGCATACTTCTGCTAAAAGCTCTCTGGCCAGTTG
 AAGGAAACTGGCAGTGCCTTTGAAGTGGAAACATGAATGCTTGGGCAAATGTCAGGGTCTCTTTGCGCCTC
 AGTTTTATGTTACGCCCAGCTCCCTGTATCCAGTGCCTGGAGTGTGTGGAATGTTGCTCCCCAGAGC
 GTTCGTATGCATTTCGCACAGATCCCCTGACAAGAGAAGTGGCATTGGGGCTTTGAGTCAGCCAAGTGG
 CACTGTTACCTTCATGTGAACCAAAAAATACCTAGGGACACCCGAAGAAAAGAACTGAAGATAATTTTAG
 AAGAAATGAAGGAGAAGTTTAGCATGAGAAATGGAAAGAGAATCCAATCAAAGACAGATACACCATCGGG
 AATGGAATTGCCATCATGGTATCCTGTTATAAAACAGGAAGGTGACCATGTTCCCCAGACACATTCATTT
 TTACACCCAGCTACTACCTGTACATGTGTGACAAAGTGGTTGCACCGAATGTGTCGTCACATCTGCTG
 CGTCCCAGTCTAAAGAGGCCACCAAGGCAGAGACAAAATTCATCAATCTCAAATAATTCTACAAGTAGAAA
 GAAATCTGAGTCTGCTGTGTGCAGCTTAGTGAGAGGCACAAGCAAGCGTATTCCAGAAGATTCCTCTCCA
 CTTCTGGTCAGAGATGGTGAAGACGACAAGGGGAAGATCATGGAAGACGTGATGAGAACCTATGTAAGAC
 AGCAGGAGAAGCTGAACTCCATTCTGCAGAGGAAGCAGCAGCTGCAGATGGAGGTGGAGATGCTGAGCAG
 TTCAAAGGCGATGAAGGAGCTCACTGAAGAGCAGCAGAATCTACAGAAAGAGCTTGAGTCGTTACAGAGT
 GAGCATGCTCAGAGGATGGAGGAATTCTATATTGAACAGAGAGACTTAGAGAAAAAGCTGGAGCAGGTGA
 TGCAGCAGAAAATGCACCTGTGACTCAACCTTGGAGAAGGACAGGGAGGCCGAGTATGCGGCTCAGCTGGC
 AGAACTGAGGCAAAGACTAGACCATGCTGAGGCCGACAGGCAGGAACTCCAAGATGAACTCAGACAGGAG
 CGGGAGGCGAGACAGAAGCTGGAGATGATGATAAAGGAGCTGAAGCTGCAGATTGGCAAGTCGTCCAAGC
 CCTCCAAGGACTAAGAGCTGAAGAAGACACACCTGTGTGTGGTTGACAGGGCTTTGTGTTTGTGCGTTGC
 TTTGAAAATTGAATTCTAACATCTATTTGCATGAAGGTAGCTAGGCATTCTGTTCAATTTGTATGGCAGC
 AAAAGTGAAGATTATATATTAATACAAAATTTTCCATTTCCAAATGAATGAAAATGTATGCTTCTTTGTA
 CTTTTCCAGTGGGCTTGTAATAATAACCTGTGAATTTGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001039090

Insert Size: 1890 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [BC049934](#), [AAH49934](#)

RefSeq Size: 2295 bp

RefSeq ORF: 1890 bp

Locus ID: 20482

UniProt ID: [Q60665](#)

Cytogenetics: 3 15.12 cM

Gene Summary: This gene encodes a member of a small family of proteins that play a key role in the response of cells to extracellular growth signals. The encoded protein regulates members of the transforming growth factor beta signaling pathway. It is highly expressed in certain cancer cells, where it may have both tumor-suppressing and tumor-promoting roles. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2012]

Transcript Variant: This variant (2, also known as DE3 or N2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.