

Product datasheet for RN217601

Sik3 (NM_001271216) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sik3 (NM_001271216) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sik3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217601 representing NM_001271216 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCGGGCGGGCGGAGCGGAGCTGGCGGGTTGCCGTGGCCGGAGCAGGGGGAGCCGGGCCGGCCG
GTCGCCTGCTGCCTCCGCCCGCGGGGGCCCCGGCAGCCCCCGCCGAGTGCCCCGGCCGCTGCC
GCCGCGTCCCACAGCCCCGGCTCCCGGGTTCGATGGCCGCTCGCATCGGCTACTACGAGATCGACCGC
ACCATCGGCAAGGGCAACTTCGCTGTGGTCAAGCGGGCCACGCACCTCGTCACCAAGGCCAAGTTGCTA
TTAAAAATCATAGATAAGACCCAGTTGGATGAAGAGAACCTGAAGAAGATTTCCGGGAGGTTTCAGATA
GAAGATGCTTTGCCACCCACATATCATCAGGCTCTACCAGGTCATGGAGACAGAGCGCATGATTTACCTG
GTGACAGAATACGCTAGCGGAGGGGAGATATTTGACCACTTGGTGGCCCATGGAAGAATGGCGGAGAAGG
AAGCTCGGCGGAAGTTCAAACAGATTGTCACAGCTGTATATTTTTGCTACTGTGGAATATCGTTTCATCG
TGATTTAAAAGCTGAAAATTTGCTTCTGGACGCCAATCTGAATATCAAAATAGCAGACTTTGGCTTCAGC
AACCTTCTACTCCGGTCAGCTGCTAAAGACGTGGTGTGGCAGTCTCCCTATGCCGCACCAGAGCTCT
TCGAAGGCAAGGAATATGATGGGCCAAAGTGACATATGGAGTCTTGGAGTTGCTCTATGTGCTTGT
GTGTGGCGCCCTGCCGTTTGTGGGAGCAGACTGCAGAATCTGCGGGCCCGTGTGCTGAGCGGCAAGTTC
CGCATCCCGTTTTCATGTCCACAGAGTGTGAGCACTTGTCCGCCACATGCTGGTGTAGATCCAAATA
AGCGTCTCTCAATGGAGCAGATCTGCAGGCACAGGTGGATGAAGCTCGGAGATGCAGACCCCAACTTTGA
GAGGTTAATAGCAGAATGCCAGCAGCTGAAGGAGGAAAGGCAGGCAGAGCCCTCAATGATGAGGTTCTC
TTGGCCATGGAAGACATGGGACTAGACAAGGAACGCACACTTCAGTCATTAAGATCGGATGCCTATGACC
ACTATAGTGCGATCTACAGCCTGCTGTGCGATCGACACAAGAAAAACAAAACCTCTGCGTCTGGAGCACT
TCCCAGCAGCCCCAAGCCATGACTTTTCAGGCACCAAGTCAATATCCAGGCGGAGCAGACAGGCACTGCT
ATGAACATTAGCGTCCCCAAGTTCAGCTGATCAACCCAGAGAACCAAAATATAGAGCCTGACGGGGCCG
TGAACCTGGACAGCGACGAGGGTGAAGAGCCTTCTCCAGAAGCCTTGGTTCGCTATTTGTCATAGAGGAG
GCACACGGTGGGAGTGGCTGACCCACGCACGGAAGTTATGGACGAGATGCAGAAGCTCTGCCCGGCTTC
CTGGAGCGAACCACAGACTCCATTCTGCAGGTGGCCCTAACATGAATTCATGCACAACTGCTGC
CCATGCAGAGTCTGCAGCCAACCTGGGCAGCTTGTAGTACAAGGAGCAGTCTCTATTACAGCCGCTACACT



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ACAGCTACTGAATGGAATGGGGCCCTTGGCCGAAGAGCCTCAGACGGAGGCGCCAACATCCAACACTACAT
 GCCCAGCAGCTGCTCAAGCGCCACGGGGACCATCCCCACTTGTACCATGACACCAGCAGTGCCAGCAG
 TTACCCCTGTGGATGAGGAGAGCTCGGATGGGGAGCCAGATCAGGAAGCTGTGCAGAGGTTACTTGGCAA
 TAGGTCCAAAAGGCACACACTGGCCATGACCAGCCGACAGCTGAGATCCCACCGGACCTGCAACGGCAG
 CTAGGACAACAGTCTTCCGTTCCCGGGTCTGGCTCCTCACCTGGTACCTGACCAGCATCGCTCCACCT
 ACAAGGACTCCAACACCCTGCATCTCCCTACGGAGCGTTTCTCCCCGTGCGCCGGTTCTCAGACGGGGC
 GGCAAGCATCCAGGCCTCAAAGCTCACCTGGAAGAATGGGCAACAGCAGCAGCATCAAACAGTTACAA
 CAGGAGTGTGAGCAGCTACAGAAGATGTACGGCGGGCAGGTTGACGAGAGAACCCTGGAGAAGACCCAGC
 AGCAGCATATGCTGTACCAGCAGGAGCAGCACCATCAGATCCTCCAGCAGCAAATCAAGATTCTATTTG
 TCCTCCTCAGCCCTCCCCACCTCTTACGGCTGCATGTGAAAATCAGCCAACCCTCCTCACCACCAGCTG
 CAGAGGTTAAGGATTAACCTTCAAGCCACCCCAACCACCCAGCAACCATCTTTCAGGCAGCCAA
 GTAACAGTCTCCCCAGTCAGCAGTGCCATGATCTTCTCACGGTGTACGTCTCCCTCCAGTTTCA
 AGGCTTACCCTCCATGGTGCAATCTTCCAGCAGCAACCTGAGAAGTGTCCCCACCTCCAGTGTAGCA
 CTAACCTGCTTGGCCTACAGCAGGCTAGCCAGTCACAGCCAGTGACTATCCAGCTACAGGAGCCAGTTG
 ACATGCTCAGCAACATGGCTGGGACAATGCAGGTTCTGCAGGGGGGTATCCCATCAGCCCCAGTGC
 CAGTCAGATTAGATGCAGCACCCTACCAGCCTAATGGCTCCCTTCGGCTATGGGCACCGGCCCTGTCC
 AAGCAGCTGAGTGTGACAGCGCAGAGGCTCACAGCTTGAGCATGAATCGATTCTCCCCTGCCAACTACG
 ACCAGGGCATTACACCCCATCTGTTCTCGGAGCAGTCCCAGGGGCCCCCAGCAGCTACAGCCCTTC
 AACAGGAGTGGGGTTTCTCCGGCTCAAGCCCTGAGAGTTCCTCCGCTTGACCAGTTCCCACTTTCCCT
 CCCAGCGCCCATCAGCAGCCACACTATACCACATCAGCACTACAGCAGGCCCTGTGTCCCTACACCAC
 CAGACTATACCAGACACCAGCAGGTTCCCAATCCTTCAAGGACTGCTCTCTCCCGGCATTCACTCAC
 CGGCCACTCGGACATTCGGCTGCCTCCAGCAGAGTTTGCCAGCTCATAAAAGACAGCAGCAGCATCGA
 CAGCAGCAGCAACAGCAGCAGCAGCAGCAGCAAGAATACCATGAGCTGTTTCCAGGCATGAACCAAG
 GGGATGCTGTTAGCCTAGCTCCCGCCTCGGGGACAGAATATGACAGAGCACCAGGCTTTATCTTATCA
 AAATGCTGACTCATACCACCGCCACCACACCAGCCCCAGCATCTCTACAGATCAGAGCGCAAGATTGT
 ATCTCACAGGGTCCCTTGCCACCCCAACCCTGGGTATGCCCGTCCAGTCAACCTAATGCATTCGGAGA
 GTATGGAAGAAGACTGCTGTGTGAAGGGTCAAGGAGGGCTTCGCGGACAAAAGCTCAAGCACACTGAC
 CAAAGGTTGCCATGACAGCCCTCTGCTTGTGTACCAGTGGGCTGGGACCCCGAGCCTTTGCTGGGA
 ACTGTGAGTCAGGCCCGGAACGGGAATCCATCCCTACGGACACCAGCCAACGGCCACCACATTAGTA
 GAAATAAGGTGCCAGCCGAGAGTCTGTATAGGGAATGCATGGAGAGAAGTTCTCTGGACAAGCAAT
 GGAGCTGCCGGACCACAACGGCCTTGGGTATCCTGCACGGCCCTTAGTCAGTGAGCACCTCAGGTCCTGG
 ACCCTCCAGAGACACCACACCATCCAGAACAGCGACGATGCTTATGTACAGCTGGATACCTTGCCAGGAA
 TGAGCCTGGTGGCAGGAAAGGCACTGAGCTCTGCCGGATGTCAGATGCAGTTCTTAGTCAGTCTTCACT
 CATGGGCAGCCAGCAGTTTCAAGGATGAGGAAGATGAAGAATGTGGGGTGAGCCTGGGCCATGAGACCCA
 GCCCTGGGTGACGGTAGCCAGCATTTAACTCCCGCTATCCAGCTACGTGTGTTACAGACATCATGCTCA
 ACCACAAGCATCCAGAGGTCTCCTTACAGATGGAGCAGGCTGGCGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001271216

Insert Size:

4110 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001271216.2, NP_001258145.2</u>
RefSeq Size:	6248 bp
RefSeq ORF:	4110 bp
Locus ID:	684112
Cytogenetics:	8q22