

Product datasheet for RN217415

Stk31 (NM_001191971) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Stk31 (NM_001191971) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Stk31
 Synonyms: RGD1564384
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN217415 representing NM_001191971
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGGGCCAGCGGCTCTTTGCTGGTACGGCTGTGGCAGAAAGTGTGAGTTTTCCAGGACTTGTCCAA
 TGGATGAAGATACACATTACAATAAAGTTGAAGATGTTGTTGGAAGTCATGTAGAAGATGCAGTAACGTT
 TTGGGCCAGAAATGTCAGTAGAAATAAGGATATTATGAAGATTGGGTGTTCACTTTCGGAAGTTTGTCTC
 CATGCTAATTCAGTTTTTGGGAATCTTGATCCTAAGAAGATTTATGGTGGATTGTTTTCTGAAGATAAGT
 GCTGGTACAGATGCAAAGTGCTAAAACTATCAGCGACGATAAGTGCCTGGTGGTACATAGACTATGG
 AAATACTGAAATCTAAACCGATCTGATATAGTAGAAATTCCTCCGGAGCTACAGTTTTCTAGTATTGCC
 AAGAAGTATAGACTTTGGGGACTACAGATTCCTTCTGGTCAAGAAGTTACCCAGTTTGTACAGGGCAGAA
 CATTTTTGGGGAGTTTGATTTTTGAAAAAGAAATTAATGAGAATTAAGCAACCTATCAAGATGGAAC
 AGTTATTGCTCAGGCTGAGTACGGCACTGTGATATAGGGGAAGAAGTGGCAAAGAAAGGGTTTGCAGAG
 AAGTGCAGACTGACCTCAGGCATTGATGCCTCTGAGGCAAGAAACCAGATCCTAATCAGTTGCTCTCA
 GGAGTCTCAAGAACCCTATCCCCCTGTGGGGACGAGATCAAACCAGTCGACCTTCAGCAGGCCAAAGGG
 GCATTTTAATGGGAGGCTGACTCTTGATGTGAAGTATGAGACTAATGCAGGAAATCACGTGACATTTCCA
 AAGGAAAGTTTGGCGGCTGGTACTTTAATTTAGGGTCTAATGTGAGCTTGGCAAAAATTAACAGGACC
 AGAAACTTATTGAAGAGAATGAAAAGCTTAAAACAGAGAAAGAGTTCTTCTAGAAAATTAAGGCTTT
 AGAATTGAAAGTTGAACAGACTGCACAAGACTTCAGCAAGAGAAAACAGCTACCATGGATCTGACTAAG
 CATTTAGAAAGCACTCTGAAGACGTGTGATGGAACAGGCTGAAGAATCTGGCTGCTAAAGTAGAAGTAT
 TGAAAGAAATTAGACATATTAACATCAGTATTCGCTTTGGAAATGACCTTTCAGATGCTATGCAAGTGT
 GGATGAAGGTCCTTTACTACTCTAGCATCTTTGAGTGTGAGTTAGAGAAAATTTGGGCTGAATATAATGTT
 GCTCAGGAGAAGATCCAACTTGTCTAATGAGAATGAAGTAATATTTTATTGCTGAAAGGAATGAAG
 TACAACAGAAGCTGTTCTGGTGTAGATGTTTTTATTCTGGAAGTAGATGAGTTACCACTTGATAAACG
 CTTAAAAACATTGCAGGATTTAGCAACTCTTTAGAATCAGTGTATGGGAAGGCCAAAGAAGGAAGTAAAC
 TCTGAAGAAATACTCAGGAAGTTTATGACTGGCAGTGTACCAAAAGAGAAGAGTTCCGCGATTCGGGA



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GTGAGACAGAGGCTTCTCTGCAGCATCTCGTGGCATGGTTCCAGAACAGCCAGAAGGTTTTTGTCTGTC
TTTGGATGAACCACTGACTTCAGAAGACATGATTGGTAATATTGATGAAATCTAGAGAAGACTGAGTCA
TGTGTCTGTAAAGAGCTAGAGCTGTCTCTCATTGAGCAAGGTGTTGTAGACAAGGAGATTATTTAAGTA
CATACAGTCAAGTGCTTCAAAGGATCCATTCTGAGGAAAAGTTTATTGCCACCATGCTGTCCAAGTATAA
GGACAGTGTGAGTTTAAAAAGCAGATCATTGACTGTTTAAATAAGAGCCCCAGTGTGGATTACTTGCTA
TCCATTAAGAAGACATTGAAAGGCTTAAAAGCTCAACTGAGATGGAAGTTGGTTGAGAAGAGTAATTTGG
AAGAATCTGATGACCATGATGGAAGTAAATTTGAGAAAAAAGCAAGAAATAACGCAATTGCCAGTAG
TGTCTTTCAGGAAATTTATCATGAGAGGGAGGAATATGAGAAACTGAACAGCTTGACCCAGAAATGGTTC
CCTGAGCTGCCTCTGCTGTATCCTGAAATAGGATTGCTTAAATATATGAATTCTGGTGGTCTTCTACTA
TGAGCTTAGAGCGCGACCTTCTTGACACTGAGCCCATGAAGGAAGTGTAGCAGCAAGCGTCTCTGGTGTG
CTCTGAGGTTAATGGGCAGCCTGTTCTCTTAAAGGGCTATTCTGTGGATGTTGACACAGAAGGAAGGGT
ATTCAGAGAGCAGCCTCTATCATAGAGCTTGTGGATATGCCAAAGAAGAAGTCTGGGTTACTGCCAT
TAATATTCCTGTTTATGTGAAGTCTGATCCTGTTGCCTATCTGATGGTCCCGTATTACCCTAAGGCAA
CCTAAGCGCAGTCAAGCCAGTATGCCTTAACTTCAAGAAAGCTTTAAAAGTCATGAAAGGTGTTGCC
CGAGGACTGCATACATTGCACAGTGTAAACATAATTCATGGATCACTTCATCAGAACAAATGTATTTGCC
TAAATCGTGAACAAGGAATTGTTGGAGATTTTACTTCCAAATCTGAGAGCCAGAGAGCTTCAGTGAA
CATGATGGTTGGTGGATTGAGTTTGTCTGACCAGAGTTGAAAATTGGAAAACCTCCTTCTGCAAGTTCA
GACTTATATGCTTATGGCTGTCTTTTATTATGGCTTTCTGTTCCAAATCAAGAGTTTGGACAAAATGAAG
ATGGAATCCAAAAGTAGATCAGTTTCATTTGGATGATAATGTCAAGTCCCTCCTCTGTAGCTTGATATA
CTTTAGAAGTTCAATGACTGCTGAACAAGTTTGAATGCAGAATGTTTCTTGCTTCCAAAGGGGAAAAACA
ATTCCAAACACAGAAAAAGAGATTGAATATACTCAGCATAACAAAGAAGATGAATCAAAGATAGAGAGTT
TGGATAGATATAAAGAAAAGCAAGAAATGGGGAAGCCAACCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001191971
Insert Size:	3057 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_001191971.1</u> , <u>NP_001178900.1</u>

RefSeq Size: 3238 bp
RefSeq ORF: 3057 bp
Locus ID: 500120
Cytogenetics: 4q24