

Product datasheet for **RN217587**

Stk36 (NM_001173986) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk36 (NM_001173986) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stk36
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217587 representing NM_001173986 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAAAGTACCACGTTTTGGAGATGATTGGAGAAGGCTCTTTGGGAGAGTGATAAGGGCCGGAAAA
AATACAGTGCTCAGGTGGTGGCCTTGAAGTTCATCCCCAACTGGGGCGCTCAGAGAAAGAGCTGAGGAA
CTGCAACGAGAGATTGAAATCATGCGGGTCTGTGGCATCCCAACATTGTGCATATGCTTGACAGCTTC
GAGACTGACAAGGAGGTGGTGGTGGTACAGACTATGCTGAGGGAGAGCTCTTTCAGATTCTGGAAGATG
ATGGAAAACTTCTGAAGAGCAGGTTCCAGGCCATCGCCGCCAGTTGGTGTGAGCCCTGACTATCTGCA
TTCCCACCGCATCTACACCGAGACATGAAACCTCAGAACATTCTCTCGCCAAGGGCGGTGGCATCAAA
CTCTGTGACTTTGGATTGCCCCGAGCTATGAGCACCAACACCATGGTGTGACTCAATCAAAGGCACAC
CGCTCTATATGTCTCCAGAACTGGTGGAGGAGCGACCATATGACCACACGGCAGACCTCTGGTCTGTAGG
CTGCATCTGTATGAGCTGGCTGTAGGCACACCTCCCTTCTACACCACAGCATCTTCAACTGGTTAGC
CTCATTCTCAAGGACCCGTGCGCTGGCCCTCCACCATTCTCTGCTTCAAGAACTTCTTGCAGGGGC
TGCTCACTAAGGACCCCGGCAGCGTCTGTCTGGCCAGACCTTTACATCACCCCTTTATTGCCGGCCG
TGTCAACATAATAACCGAACAGCAGGCTCCAACCTGGGCACCCATTTACTAGTCGCCTACCCCGAGAA
CTTCAGGTCTAAAAGATGAACAGGCCATCGACTGGCACCCAAGGGTAACCAAGTCCCGCATCTGCGCC
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TCAAGCCTCTGGCTGGCTTACTGGCTTCAAGAAATGAAGAACAACCTGGGAAGACTGGGGGCTGGAGAAG
CACCCCTACACCTCGGGAAAACCATCACCTTGGAGTGTGAACAAGCCTTCCCTGAGCTGAGGCCAGA
GACGATGGGTGGCGGAGCACCGATGCAGTGGATCCTGAAAACGAGGAGCCAGACAGTGTGACGAGTGG
CAACGCTTACTCGAGACTATGGAGCCAGTGCCTGTGACGTGAAGTCCCCCTCACCCCTGCTGTGTAATC
CTGACTTCTGCCAGCATATCCAGAGTCAGCTGCGCGGGACTGGCGAGCAGATCCTGAAAGGCGTCTGGA
TGGTGCTCCACCTCCTTCTGCACTCCGCATCTGAGCAGTCTCCTGTCCAGTGCAGTGACTCTGTG
CTCTTGATTCTTCTGCCAGGAGGTGGGACTGCCCGAGCTGCCTCTCAGTCTTCTTAGGTACAGCCAGG
AGAGCAGCAGTATCCAGCAGCAACCTTGGTACGGGCCTTCTTACGGAACTGGTGGCTGTGTTACGGC
CTACTTTTCATGCACCTCAATCTGGAGAGGAGCCAGACAGGTGACAGCCTACAGGTGTTTGAGGAGGCT



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GCCAGCCTCTTTTGGACTTGTTGGGAAGCTGTTGGCCAACCAGATGATCCGAGCCGACATTCGAA
 GGGATAGCCTCATGTGCTTTGCTGTCTTGTGTGAGGCTGTGGATGGGAACAGCCGGGCCATCTCCAAAGC
 CTTTTATGCCAGCTTGTGACCACACAGCGTGTGTGTTGGACGGGCTCCTTCACGGCCTAACGGTTCCA
 CAACTCCCTTTCCACACACCACCAGGAGCCCAACAAGTGAAGCCAGCCACTGCGGGAGCAGAGTGAAGATG
 TACCCGGAGCCATCTCTTCTGCCCTGGCAGCCATGTGACTGCCCTGTGGGGTTGCCAGCTGTGGGA
 CGCCAAGGAGCAGGTCTCTTGGCATTGGCCAACCAGCTAACCGAGGACAGCAGCAACTGAGGCCATCC
 CTCATCTCTGGTCTGCGGCACCATATCCTATGCCTCCACCTTCTCAAGGTTCTCTACTCCTGCTGTATA
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 GGGCAAGGTGAAAGTAGCAGACTGGGAAGAGTCCACTGAGGTGGCACTTTACCTCCTGTCCCTTCTGTG
 TTTCCGGCTCCAAGATCTACCTTCAGGGATGGAGAAGCTGGGCAGTGAAGTGCCTACTCTTCCACCCACT
 CACACATCGTCTCTTGTGAATGCAGCAGCCTGTCTCTTAGGACAGCTTGGTCAGCAAGGGGTGACCTT
 TGACCTCCAGCCCGGAATGGATAGCTGCAGCTGCACATGCCTTGTCTGCCCTGCAGAGGTCCGGCTG
 ACTCCACCGTGTAGTTGTGGCTTCTATGATGGCCTCCTCGTTCTTCTGCTCAGCTCCTACACAGGGGA
 AGCCTGGCCTGATCAGGGACGTGGCAGGTTGAGAGGTGTGGACCATTCTGTGGCACCCTTTCCATGGC
 TCTGAGACTATCTGAGGAGGTGTCTGCCAGGAAGATGACCTGTCACTATCAAGTCCACCAGCCTAGAG
 CCAGACTGGACACTGATTTACCCCAAGGCATGGCAGCCTTGCTGAGCCTGGCAATGGCCATCTTACCC
 AGGAGCCCGATTATGCCTGAGCCACCTGTCCCAGCATGGCAGTGTCTCATGCTGACCCCTGAAGCACCT
 GCTTTACCCAGCTTCTTGCACCGCCTGAGCCAGGCGCCTCAGGGGTCTGAGTTTCTCCCGTTGTGGT
 CTCTCTGTGTGAAGCTGCTCTGCTTCCCTTCGCCCTGGATGTGGATGCTGACCTCCTCGGAGGCATCT
 TGGCTGACCTCAGGGCCTCAGAAGTTGCAGTCTACCTGCTGCAGGTCTGCTGCCACCACCTTCCATTGTT
 CCAAGCAGAGCTGCCATTGGCCTCCTACACGCTGGCCTCATGGATCCCACCTCTCTCAAGCAGTTT
 GTGAACACAGTAGCCACCTTCTAGAGCCATCATCTCATTCTCTCTGTTGTTCTCTGTGTGACCAAC
 CCCTCATGGTCTGACCTCCTGTCCCTGCTGACACACACAACCCGGATTCTATCCCCAGCCACTGTGTC
 CTTTATCCAGGAGCTCCTGTCTGGCTCTGATGAATCCTATCGGCCACTGCGCAGCCTCCTAGGCCACTCA
 GAGAATGCTGTGCGGGTCCGTACTTACAGGCTCCTGGACATTTATTACAACACAGCATGGCCCTACGTG
 GGGCACTACAGAGCCAGTCAGGACTGCTCAACCTTCTGCTGCTAGGGCTTGGAGACAAGGACCCTGCCGT
 GCGACGCAGTGCCAGCTTGTGTGGCAATGCAGCCTACCAGGCTGGTCCCTTGGGACCTGCCTTGGCA
 GCTGCAGTGCCAGTATGACCCAGCTGCTGGGAGATGCTCAGGATGCTATCCGGCGCAATGCTGCATCAG
 CTCTAGGCAATCTGGGACCTGAAGGATTGGCAAGGAGCTATTAAGTGCCAAGTACCCAGCGGCTCCT
 AGAAATGGCGTGTGGAGACCCTCAACCAACTGTCAAAGAGGCTGCCCTTATTGCCCTCCGGAGCCTCCGA
 CAGGAGCCCTGTATTATCAGGTGCTGGTGTGCTGGGTGCCAGTGAGAAATTAACCTTGTGTCTTTGG
 GGATCAGTACTGCAAGCAGCAATAGCAGGCCTACCTTGCCAGACACTGCAGGAAGCTTATCCACCT
 CCTGAGGCCGACCCACAGCACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001173986
- Insert Size:** 3945 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:

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_001173986.1](#), [NP_001167457.1](#)

RefSeq Size: 5031 bp

RefSeq ORF: 3945 bp

Locus ID: 301516

Cytogenetics: 9q33