

Product datasheet for **SC107236**

STK31 (NM_031414) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK31 (NM_031414) Human Untagged Clone
Tag:	Tag Free
Symbol:	STK31
Synonyms:	SGK396; TDRD8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107236 sequence for NM_031414 edited (data generated by NextGen Sequencing)

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ATGTGGGTCCAGGGTCACTCTTCTAGAGCTTCCGCAACGAAAGTGTGAGNNNNNAGGA
ATTGTTACAGATGGATGAAGATACACATTACGATAAAGTGAAGATGTGGTTGGAAGTCAC
ATAGAAGATGCAGTAACATTTTGGGCCAGAGTATCAATAGAAATAAGGATATCATGAAG
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CCAAACAAGATTTATGGTGGATTATTTTCTGGAGATCAGTGTGGTACAGATGCAAAGTA
CTGAAATCATCAGCGTTGAAAAGTGTCTGGTGGAGTACATTGACTATGGAAATACTGAA
ATTCTAAATCGATCTGATATAGTTGAAATTCCTTTGGAGCTGCAGTTTTCTAGTGTGCC
AAAAAGTATAAACTTTGGGGACTACACATTCCTTCTGATCAAGAAGTTACCCAGTTTGAT
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TGGAAGTGTGATAAAAGAGAGGAGTTCACCAGTGTAGAAAGTAAACAGACGCTTCTCTG
 CACCGTCTGTAGCATGGTTCCAAAAGACCTTAAAGGTTTTGACCTATCTGTGGAAGGA
 TCACTGATTTTCAGAAGACGCAATGGATAATATTGATGAAATCCTAGAGAAGACTGAGTCA
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 ATGACTGCTGAACAAGTTTTAAATGCTGAATGTTTCTTGATGCCAAAGGAGCAATCAGTT
 CCAAACCCAGAAAAGATACTGAATACACCCTATATAAAAAGGAAGAAGAAATAAAGACG
 GAGAACTTGGATAAATGTATGGAGAAGCAAGAAATGGTGAAGCCAACCTTTGATTGTTAA

Clone variation with respect to NM_031414.3

51 t=>n;52 t=>n;53 t=>n;54 t=>n;55 t=>n;56 c=>n;69 a=>g;272 a=>g;864 c=>a;1049
 a=>g;1449 a=>g;2810 a=>g

**5' Read Nucleotide
 Sequence:**

>OriGene 5' read for NM_031414 unedited

GGGACATACTTGGATTTGTTAAACGTATTTACTATCAGGNCGGCGGCATAAATTCTGAT
 AGCATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGA
 GCGGGGGCTGAAAGTCCAGTATGTGGTCCAGGGTCACTTCTAGAGCTTCCGCAACGG
 AAAGTGTGAGGAATTGTTCAAGTGGATGAAGATACACATTACGATAAAGTGAAGATGTG
 GTTGAAGTACATAGAAGATGCAGTAACATTTTGGGCCAGAGTATCAATAGAAAATAAG
 GATATCATGAAGATTGGTTGCTCACTGTCTGAAGTTTGGCCCCAGGCCAGTTCAGTTTTG
 GGAATCTTGACCAAACAAGATTTATGGTGGATTATTTTCTGGAGATCAGTGTGGTAC
 AGATGCAAAGTACTGAAAATCATCAGCGTTGAAAAGTGTCTGGTGAAGTACATTGACTAT
 GGAAATACTGAAATTTCTAAATCGATCTGATATAGTTGAAATTCCTTTGGAGCTGCAGTTT
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 ACCCAGTTTATCAGGGCACAACCTTTTGGGGAGCTTGATTTTTGAAAAGGAAATAAAA
 ATGAGAATTAAGCAACCTCTGAAGATGGAACAGTTATTGCTCANGCTGAGTATGGCAGT
 GTGGATATAGGGGAAGAGGTGCTTAAGAAAGGATTTGCAGAGAAATGCAGACTTGCTTCC
 AGAACTGACATCTGTGAGGAAAAAATTTGGATCCTGGTCAACTTGTCTCAGGAACCTCA
 AAAGCCCATTTCTTGTGGGGCATAGATCAAACCATTCAACTTCAGCAAGCCCAANGGG
 CACTTAAGTGAGAC

Restriction Sites:

Please inquire

ACCN:

NM_031414

Insert Size:

3000 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:	<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_031414.2, NP_113602.2</u>
RefSeq Size:	3244 bp
RefSeq ORF:	3060 bp
Locus ID:	56164
UniProt ID:	<u>Q9BXU1</u>
Cytogenetics:	7p15.3
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes the longer isoform (a).