

Product datasheet for **SC332746**

STK31 (NM_001260504) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK31 (NM_001260504) Human Untagged Clone
Tag:	Tag Free
Symbol:	STK31
Synonyms:	SGK396; TDRD8
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332746 representing NM_001260504.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATGAAGATACACATTACGATAAAGTGAAGATGTGGTTGGAAGTCACATAGAAGATGCAGTAACA
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Restriction Sites: SgfI-MluI
ACCN: NM_001260504

Insert Size:	2991 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:	NM_001260504.1
RefSeq Size:	3602 bp
RefSeq ORF:	2991 bp
Locus ID:	56164
UniProt ID:	Q9BXU1
Cytogenetics:	7p15.3
Protein Families:	Druggable Genome, Protein Kinase
MW:	113.3 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR and coding region, and initiates translation at a downstream AUG compared to variant 1. The resulting protein (isoform b) has a shorter N-terminus compared to isoform 1. Variants 2 and 4 encode the same protein.</p> <p>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.</p>