

Product datasheet for **RG206673**

STK22C (TSSK3) (NM_052841) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: STK22C (TSSK3) (NM_052841) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TSSK3
Synonyms: SPOGA3; STK22C; STK22D; TSK3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG206673 representing NM_052841
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGACTTTCTGCTCTCCAATGGGTACCAGCTGGCAAGACCATTGGGAAGGGACCTACTCAAAG
TCAAAGAAGCATTTTCCAAAAACACCAAAGAAAAGTGGCAATTAAGTTATAGACAAGATGGGAGGGCC
AGAAGAGTTTATCCAGAGATTCTCCCTCGGGAGCTCAAATCGTCCGTACCCTGGACCACAAGAATC
ATCCAGGTGTATGAGATGCTGGAGTCTGCCGACGGGAAAATCTGCCTGGTATGGAGCTCGCTGAGGGAG
GGGATGTCTTTGACTGCGTGCTGAATGGGGGGCCACTGCCTGAAAGCCGGCCAAGGCCCTTCCGTCA
GATGGTTGAGGCCATCCGCTACTGCCATGGCTGTGGTGTGGCCACCGGGACCTCAAATGTGAGAAGCC
TTGTTGCAGGGCTTCAACCTGAAGCTGACTGACTTTGGCTTTGCCAAGGTGTTGCCAAGTCACACCGGG
AGCTGAGCCAGACCTTCTGCGGCAGTACAGCCTATGCTGCCCCGAGGTGCTGCAGGGCATTCCCCACGA
TAGCAAAAAGGTGATGTCTGGAGCATGGGTGTGGTCTGTATGTGATGCTGTGCCAGCCTACCTTTT
GACGACACAGACATCCCAAGATGCTGTGGCAGCAGCAGAAGGGGTGTCCTTCCCCTCATCTGAGCA
TCTCGGCCGATTGCCAGGACCTGCTCAAGAGGCTCCTGGAACCGATATGATCCTCCGGCCTTCAATTGA
AGAAGTTAGTTGGCATCCATGGCTAGCAAGCACT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG206673 representing NM_052841
 Red=Cloning site Green=Tags(s)

MEDFLLSNGYQLGKTIGEGTYSKVKEAFSKKHQRKVAIKVIDKMGPEEFIQRFLLPRELQIVRTLQIHDKNI
 IQVYEMLESADGKICLVMELEAGGDVDFCVLNGGPLPESRAKALFRQMVETIRYCHGCGVAHRDLKCENA
 LLQGFNLKLTDFGFAKVLPKSHRELSQTF CGSTAYAAPEVLQGI PHDSKKGDVWSMGVVLVYMLCASLPF
 DDTDIPKMLWQQKGVSFPTHLISADCQDLLKRLLEPDMILRPSIEEVSWHPWLAST

TRTRPLE - GFP Tag - V

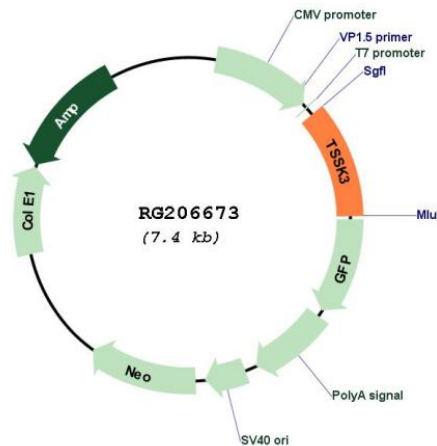
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_052841

ORF Size: 804 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_052841.4
RefSeq Size:	1330 bp
RefSeq ORF:	807 bp
Locus ID:	81629
UniProt ID:	Q96PN8
Cytogenetics:	1p35.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	This gene encodes a kinase expressed exclusively in the testis that is thought to play a role in either germ cell differentiation or mature sperm function. [provided by RefSeq, Jul 2008]