

Product datasheet for **SC304953**

TSKS (NM_021733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TSKS
Synonyms:	PPPIR161; STK22SI; TSKSI; TSSKS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC304953 representing NM_021733.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAGCGTGGTGGTGAAGACGATCTGGCAGTCCAAAGAGATCCATGAGGCCGGGACACCCCAAG
GGGGTGGAGAGCTGCTCCAGCTAGTCCAGAGGCTCCCGGAGGGTGACCAGCCGGGCCAAGGGGATC
CCGAAGAAAAAGAAGGCCGTGTCGTTCCACGGGGTGGAGCCCCAGATGTCCCATCAGCCCATGCACTGG
TGCCTGAACCTCAAACGGTCTCGGCCTGCACCAACGTGTCACTGCTCAACCTGGCCGCCATGGAGCCC
ACTGACTCCACGGGGACAGACTCCACAGTGAAGACCTCAGCGGCCAACTCACACTGGCTGGGCCCCCT
GCCTCCCTACCTACCTGGGATCCGGATGACGCAGACATCACGGAATCCTGAGTGGGGTCAACAGT
GGATTGGTCCGCGCCAAAGACTCCATCACCAGCTTGAAGGAAAAGACCAACCGGTTAACACGACAGTG
CAGTCTCTGCAGAGCGAGTGTCTGTGCTGAGCGAGAATCTGGAGAGAAGGCGCAAGAGGCAGAAAGAG
TTGGAGGGGTACTGCATTCAACTCAAGGAGAACTGCTGGAAGGTGACCCGGTCTGTGAAGATGCTGAA
ATCAAAACCAACGCTTTGAAGCAGAATTGCTGCTGCTGGAGGAGAAGTGCCTACCTCCAGCAGCAG
CTGCAGGATGAGACGCCGACGGCAGGAGGCCGAGCTGCAGGAGCCGAGGAGAAGCAGGAGCCGGAG
GAGAAGCAGGAGCCGAGGAGAAGCAGAAGCCGAGGCTGGCCTCTCTGGAACAGCCTGGGCCCCGCC
GCCACGTCCAGGGCTGCCCGGCCGCCAGGGAGTCCCGACAAACCTCGCGGCCACACGGCCTGGTC
CCCGCAGGCTGGGAATGGGCCTCGGGCTGGCGAGGGCCCTACGTGAGCGAGCAGGAATTGCAGAAG
CTGTTCAACGGCATCGAAGAGCTGAGGAGAGAGGTGTCTCACTGACCGCCCGGTGGCATCAGGAGGAG
GGGGCGGTGCAGGAAGCCTGCGGCTGCTCGGGGCTGGCGGCGCAGGGTCGACGGCTTCTAGGCCAG
TGGGAGCGGGCACAGCGCAACAGGCACAGACGGCGCGGGACTTGCAGGAGTGCAGGTCGGGCGGAT
GAGCTGTGCACCATGGTGGAGCGGTGAGCAGTGTCTGTGGCTTCACTGAGGAGCGAACTGGAGGGCTG
GGCCCACTGAAACCCATTCTGAGGAGTTCGGGCGGCAATTCAGAACTCTCGAAGAGGGCTGACCTC
TCCATGAACCTGGATCGGTCCACCAAGGCAACTGTGCCCGCTGTGCCAGCCAGGGGTCGAGTTGTCT
ACGGAGTCCCTGCAGCAGCTGCTGGACGAGCACTGACCTCACTAGTGGACGAGGTGAAGCAGAGGGC
CTGACTCCTGCCTGTCCAGCTGTGAGGCTACACAAGAAGATTCTGGAGCTGGAGCGCCAGGCCTTA
GCCAAACACGTCAGGGCAGAGGCCCTGAGCTCCACCTTCGGCTGGCCCAAGACGAGGCCCTGCGGGCC
AAGAACCTACTGCTGACAGACAAGATGAAGCCAGAGGAGAAGATGGCCACTCTGGACCATCTACACTTG
AAGATGTGCTCCCTCCACGATCATCTCAGCAACCTGCCACTTGAGGGGTCCACGGGAACAATGGGGGA
GGCAGCAGTGCAGGAACCCCCAAAACAGGGGGCTCAGCCCTGAACAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

Sgfl-MluI

ACCN:

NM_021733

Insert Size:

1779 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:

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_021733.1</u>
RefSeq Size:	1812 bp
RefSeq ORF:	1779 bp
Locus ID:	60385
UniProt ID:	<u>Q9UJT2</u>
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome
MW:	65.1 kDa
Gene Summary:	This gene may play a role in testicular physiology, spermatogenesis or spermiogenesis. Expression of the encoded protein is highest in the testis and down-regulated in testicular cancer. The gene is localized to the region 19q13.3 among the related RAS viral oncogene homolog (RRAS) and interferon regulatory factor 3 (IRF3) genes, which are both involved in tumorigenesis pathways and progression. [provided by RefSeq, Jul 2008]