

## Product datasheet for RC205395

### TSSK1 (TSSK1B) (NM\_032028) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TSSK1 (TSSK1B) (NM_032028) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TSSK1
Synonyms:	FKSG81; SPOGA4; STK22D; TSK1; TSSK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205395 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGATGACGCTGCTGTCTCAAGCGACGAGGCTACCTCTGGGGATAAATTTAGGAGAGGGCTCCTATG  
CAAAAGTAAAATCTGCTTACTCTGAGCGCTGAAGTTCAATGTGGCGATCAAGATCATCGACCGCAAGAA  
GGCCCCCGAGACTTCTGGAGAAATTCCTTCCCCGGGAAATTGAGATTCTGGCCATGTTAAACCACTGC  
TCCATCATTAAAGACCTACGAGATCTTTGAGACATCACATGGCAAGGCTACATCGTCATGGAGCTCGCGG  
TCCAGGGCGACCTCCTCGAGTTAATCAAACCCGGGGAGCCCTGCATGAGGACGAAGCTCGCAAGAAGTT  
CCACCAGCTTTCCTTGGCCATCAAGTACTGCCACGACCTGGACGTCGTCACCGGACCTCAAGTGTGAC  
AACCTTCTCCTTGACAAGGACTTCAACATCAAGCTGTCCGACTTCAGCTTCTCCAAGCGCTGCTGCGGG  
ATGACAGTGGTCGAATGGCATTAAAGCAAGACCTTCTGTGGGTACCAGCGTATGCGGCCCCAGAGGTGCT  
GCAGGGCATTCCCTACCAGCCAAAGGTGTACGACATCTGGAGCCTAGGCGTGATCCTCTACATCATGGTC  
TGCGGCTCCATGCCCTACGACGACTCCAACATCAAGAAGATGCTGCGTATCCAGAAGGAGCACCGCGTCA  
ACTTCCCACGCTCCAAGCACCTGACAGGCGAGTGCAAGGACCTCATCTACCACATGCTGCAGCCCGACGT  
CAACCGGGCGGCTCCACATCGACGAGATCCTCAGCCACTGCTGGATGCAGCCCAAGGCACGGGGATCTCCC  
TCTGTGGCCATCAACAAGGAGGGGAGAGTTCCCGGGAACTGAACCTTGTGGACCCCGAACCTGGCT  
CTGACAAGAAGTCTGCCACCAAGCTGGAGCCTGAGGGAGAGGCACAGCCCCAGGCCACAGCCTGAGACAAA  
ACCCGAGGGGACAGCAATGCAAATGTCCAGGCAGTCGGAGATCCTGGGTTTCCCCAGCAAGCCGTGACT  
ATGGAGACAGAGGAAGGGCCCCCAACAGCCTCCAGAGACGCGGGCACAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



**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\\_032028.2](#), [NP\\_114417.1](#)

**RefSeq Size:** 2478 bp

**RefSeq ORF:** 1104 bp

**Locus ID:** 83942

**UniProt ID:** [Q9BXA7](#)

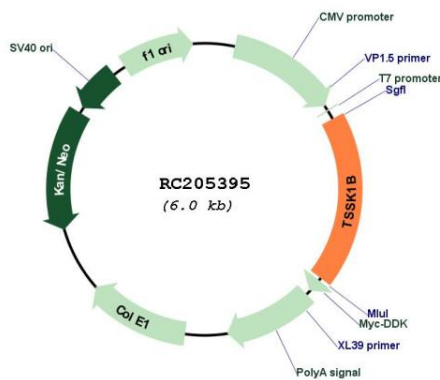
**Cytogenetics:** 5q22.2

**Protein Families:** Druggable Genome, Protein Kinase

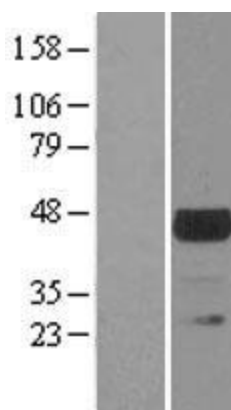
**MW:** 41.6 kDa

**Gene Summary:** TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM, Mar 2008]

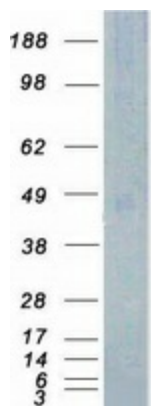
**Product images:**



Circular map for RC205395



Western blot validation of overexpression lysate (Cat# [LY403140]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205395 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TSSK1B protein (Cat# [TP305395]). The protein was produced from HEK293T cells transfected with TSSK1B cDNA clone (Cat# RC205395) using MegaTran 2.0 (Cat# [TT210002]).