

## Product datasheet for **RC207232**

### TSSK2 (NM\_053006) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TSSK2 (NM_053006) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TSSK2
Synonyms:	DGS-G; SPOGA2; STK22B; TSK2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207232 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACGATGCCACAGTCTTAAGGAAGAAGGGTTACATCGTAGGCATCAATCTTGCAAGGGTCTCTACG  
CAAAAGTCAAATCTGCCTACTCTGAGCGCCTCAAGTTCAATGTGGCTGTCAAGATCATCGACCGCAAGAA  
AACACCTACTGACTTTGTGGAGAGATTCCTTCTCGGGAGATGGACATCCTGGCAACTGTCAACACGGC  
TCCATCATCAAGACTTACGAGATCTTTGAGACCTCTGACGGACGGATCTACATCATCATGGAGCTTGGCG  
TCCAGGGCGACCTCCTCGAGTTCATCAAGTGCCAGGGAGCCCTGCATGAGGACGTGGCACGCAAGATGTT  
CCGACAGCTCTCCTCCGCCGTCAAGTACTGCCACGACCTGGACATCGTCCACCGGACCTCAAGTGCAGAG  
AACCTTCTCCTCGACAAGGACTTCAACATCAAGCTGTCTGACTTTGGCTTCTCCAAGCGCTGCCTGCGGG  
ACAGCAATGGGCGCATCATCCTCAGCAAGACCTTCTGCGGGTCCGGCAGCATATGCAGCCCCGAGGTGCT  
GCAGAGCATCCCCACCAGCCCAAGGTGTATGACATCTGGAGCCTGGGCGTGATCCTGTACATCATGGTC  
TGCGGCTCCATGCCCTATGACGACTCCGACATCAGGAAGATGTGCGTATCCAGAAGGAGCACCGTGTGG  
ACTTCCCGCGTCCAAGAACCTGACCTGCGAGTGCAAGGACCTCATCTACCGCATGTGCAGCCCCGACGT  
CAGCCAGCGGCTCCACATCGATGAGATCCTCAGCCACTCGTGGCTGCAGCCCCCAAGCCCAAGCCACG  
TCTTCTGCCTCCTTCAAGAGGGAGGGGGAGGGCAAGTACCGCGCTGAGTGCAAACCTGGACACCAAGACAG  
ACTTGAGGCCCGACCCACCGCCCGACCACAAGCTTGGAGCCAAAACCCAGCACCGGCTGCTGGTGGTGCC  
CGAGAACGAGAACAGGATGGAGGACAGGCTGGCCGAGACCTCCAGGGCCAAAGACCATCACATCTCCGGA  
GCTGAGGTGGGAAAGCAAGCACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_053006.3](#), [NP\\_443732.2](#)

**RefSeq Size:** 1832 bp

**RefSeq ORF:** 1077 bp

**Locus ID:** 23617

**UniProt ID:** [Q96PF2](#)

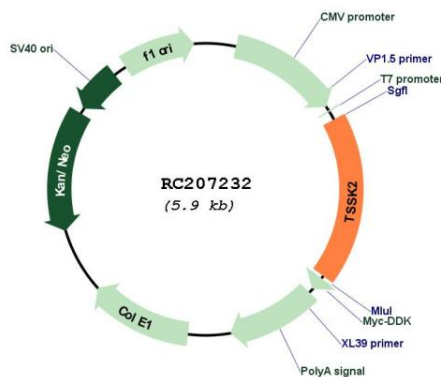
**Cytogenetics:** 22q11.21

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

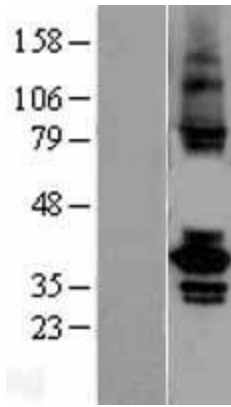
**MW:** 41 kDa

**Gene Summary:** TSSK2 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM, Mar 2008]

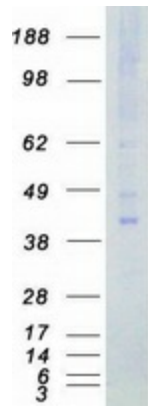
**Product images:**



Circular map for RC207232



Western blot validation of overexpression lysate (Cat# [LY403278]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC207232 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified TSSK2 protein (Cat# [TP307232]). The protein was produced from HEK293T cells transfected with TSSK2 cDNA clone (Cat# RC207232) using MegaTran 2.0 (Cat# [TT210002]).