

Product datasheet for MR205449

Tssk2 (NM_009436) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tssk2 (NM_009436) Mouse 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:	>MR205449 representing NM_009436 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGATGCGGCGTCTAAGGAAGAAGGGTTACATCGTGGGAATCAATCTGGCAAGGGCTCCTACG
CAAAAGTCAAATCTGCCTACTCAGAGCGCCTCAAGTTCAATGTGGCAGTCAAGATCATAGACCGCAAGAA
AACACCCACTGACTTTGTGGAGAGATTCCTTCTAGGGAGATGGACATCCTGGCGACCGTCAACCACCGT
TCCATCATTAAAGACCTACGAGATCTTTGAGACCTCTGATGGACGCATCTACATTGTCATGGAGCTGGCG
TCCAGGGCGACCTCCTCGAGTTCATCAAGTGCCGAGGAGCCCTGCATGAGGATGTGGCACGCAAGATGTT
CCGCCAGCTCTCCTCAGCCGTCAAGTACTGCCACGACCTGGATGTCGTCCACCGAGACCTCAAATGTGAG
AACCTTCTGCTTGACAAGGACTTCAACATCAAACCTGTCTGACTTCGGCTTCTCCAAGCGTGCCTGCGGG
ACGGGAGTGGGCGCATCGTCTCAGCAAAACCTTCTGTGGGTGAGCAGCTTATGCAGCCCCGAGGTGCT
GCAGGGCATCCCCACCAGCCAAAGGTGTATGACATCTGGAGCCTGGGTGTGATTCTCTACATCATGGTC
TGTGGCTCCATGCCCTACGATGACTCTGACATCAAAAAGATGTGCGCATCCAGAAGGAGACCCGAGTGG
ACTTCCCACGCTCCAAGAACCTAACTGGTGAGTGAAGGACCTCATCTACCGCATCTACAGCCAGATGT
CAACCGGCGGCTGCACATTGATGAGATCCTTAGCCACTCATGGCTACAGCCCCCAAGCCCAAGCCATG
TCTTCTGCCTCCTCAAGAGGGAGGGGGAAGCAAGTATCGAGCTGATTGCAAGTTGGATACTCGACCA
GCTCCAGACCCGAACACCGGCTGACCACAAGCTGGCGACCAAAACCCAGCAACGGATGCTGGTGACACC
CGAGAATGAAGACAGGATGGAAGACAGGCTGGCTGAGACTTCCAGAGCTAAAGACCATCACATTTCTGGA
GCTGAGGTGGAGAAAGCAAGTACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_009436.2](#), [NP_033462.2](#)

RefSeq Size: 1403 bp

RefSeq ORF: 1077 bp

Locus ID: 22115

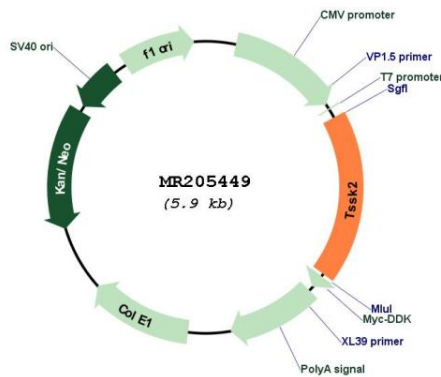
UniProt ID: [O54863](#)

Cytogenetics: 16 11.09 cM

MW: 41.5 kDa

Gene Summary: Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-281' of TSKS and SPAG16. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205449