

Product datasheet for MC204957

Tssk2 (NM_009436) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tssk2 (NM_009436) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tssk2
Synonyms: DGS-G; SPOGA2; Stk22b; Tsk2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC061175

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AGCCAGACGCCTCCCCACAGTGGGAATGAGGACAATGCCTGCTGGCCCGTGTGGGGAGGGATGTAGAGG
GCGGCGCACCGGCCCTCCTGGCAGCATGGACGATGCGGCGGTCTTAAGGAAGAAGGGTTACATCGTGG
GAATCAATCTGGGCAAGGGCTCCTACGCAAAAAGTCAAATCTGCCTACTCAGAGCGCTCAAGTTCAATGT
GGCAGTCAAGATCATAGACCGCAAGAAAACACCCACTGACTTTGTGGAGAGATTCCCTTAGGGAGATG
GACATCCTGGCGACCGTCAACCACCGTTCCATCATTAAGACCTACGAGATCTTTGAGACCTCTGATGGAC
GCATCTACATTGTCATGGAGCTGGGCGTCCAGGGCGACCTCCTCGAGTTCATCAAGTGCCGAGGAGCCCT
GCATGAGGATGTGGCACGCAAGATGTTCCGCCAGCTCCTCAGCCGTCAAGTACTGCCACGACCTGGAT
GTCGTCCACCGAGACCTCAAATGTGAGAACCTTCTGCTTGACAAGGACTCAACATCAAAGTGTCTGACT
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AGCAGCTTATGCAGCCCCGAGGTGCTGCAGGGCATCCCCTACCAGCCCAAGGTGTATGACATCTGGAGC
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TGGCATCCAGAAGGAGCACCGAGTGGACTTCCCACGCTCCAAGAACCTAACTGGTGAGTGAAGGACCT
CATCTACCGCATCCTACAGCCAGATGTCAACCGCGGCTGCACATTGATGAGATCCTTAGCCACTCATGG
CTACAGCCCCCAAGCCAAAGCCATGTCTTGCCTCCTTAAGAGGGAGGGGGAAGGCAAGTATCGAG
CTGATTGCAAGTTGGATACTCGACCAGGCTCCAGACCCGAACACCGGCCTGACCACAAGCTGGCGACCAA
ACCCAGCAACGGATGCTGGTGACACCCGAGAATGAAGACAGGATGGAAGACAGGCTGGCTGAGACTTCC
AGAGCTAAAGACCATCACATTTCTGGAGCTGAGGTGGAGAAAGCAAGTACCTAGTGGTGGAGAGGGCCCT
GGGGGTATCGTGGTGTGCAGTCTGCACCCACATAAGCTAAGTAGGCAGGTAGGAGCTGAAGAAGGCACAG
GTGCAAGGAACAAGTAAAATTCGTCATTAATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Sfil-Sfil
ACCN: NM_009436
Insert Size: 1077 bp



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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).
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:	BC061175 , AAH61175
RefSeq Size:	1325 bp
RefSeq ORF:	1077 bp
Locus ID:	22115
UniProt ID:	O54863
Cytogenetics:	16 11.09 cM
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]