

Product datasheet for **RR209878**

Tssk1b (NM_001011900) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tssk1b (NM_001011900) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tssk1b
Synonyms: Stk22a; Tssk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209878 representing NM_001011900
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATGACGCAGCCGCTCTCAAGCGACGAGGCTACATCATGGGGATAAACTTAGGAGAGGGCTCGTATG
CCAAAGTCAAATCCGCTTACTCTGAGCGCTAAAGTTCAACGTGGCGGTCAAGATCATCGACCGCAAGAA
AGCCCCACGGACTTCTGGAGAAATTCCTTCCCGGGAGATTGAGATTCTGGCCATGCTAAACCACCGC
TCTATTGTCAAGACCTATGAGATCTTTGAGACGTCAAGTGGCAAGGTCTACATTGTGATGGAGCTTGGGG
TCCAGGGTGACCTCCTTGAATTCATCAAAACCAGAGGAGCCCTGCAAGAGGATGATGCTCGAAAGAAGTT
CCACCAGCTCTCCTCGGCCATCAAGTACTGCCACGACCTGGATGTCGTCACCGAGACCTCAAGTGTGAG
AACCTTCTGCTTGACAAGGACTTCAACATCAAAGTGTCTGACTTTGGCTTCTCCAAGCGCTGCTTGGGG
ATGATAGTGGTCGGCTGACATTAAGCAAGACCTTCTGTGGGTGAGCAGCTTATGCGGCCCGGAGGTGCT
GCAGGGCATCCCCACCAGCCAAAGGTGTATGACATCTGGAGCCTGGGTGTGATCCTCTACATCATGGTC
TGTGGCTCCATGCCCTACGATGACTCCAACATCAAAAAGATGCTGCGCATCCAGAAGGAGCACCGCGTCA
ACTTCCCACGCTCCAACACCTGACTGGTGAGTGCAAGGACCTCATCTACCGAATGTTGCAGCCAGATGT
CAACCGGAGGCTGCACATTGATGAGATCCTCAGCCACTGCTGGGTGCAGCCCAAGACTCGAGGTCGTCC
TCTGGAGCCATCAACAAGGAAGGGGAAAGCTCCCGGGCCGCTGAGCCCTCATGGACCCCTGAACCTGGTG
CTGATAAGAAGTCTGCCACCAAGTTGGAGCCTAAGGAAGAGGCACGAGCTGAGGCCCAATCTGAGACAAA
ACCCAGGAAGATAATGTGACAGGTGGCCAGGCAGTCAGAGAACGTGGGCCTCAGCAGCGAACTGAACAGG
GCCACAGAGGAAGGCATCCCCAACAGCCTTCAGAGACACATACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209878 representing NM_001011900
 Red=Cloning site Green=Tags(s)

MDDAAVLKRRGYIMGINLGEESYAKVKSAYSERLKFNVAVKIIDRKKAPDFLEKFLPREIEILAMLNHR
 SIVKTYEIFETSDGKVIYIMELGVQGDLLLEFIKTRGALQEDDARKKFHQLSSAIKYCHDLDVDVHRDLKCE
 NLLLDKDFNIKLSDFGFSKRCLRDDSGRLTLSTKFCGSAAYAAPEVLQGIPIYQPKVYDIWSLGVILYIMV
 CGSMPYDDSNIIKMLRIQKEHRVNFPRSKHLTGECKDLIYRMLQPDVNRRLHIDEILSHCWVQPKTRGLS
 SGAINKEGESSRAAEPSTWPEPGADKKSATKLEPKEEARAEAQSETKPQEDNVQVARQSENVGLSSELNR
 ATEEGHPQPSEHT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

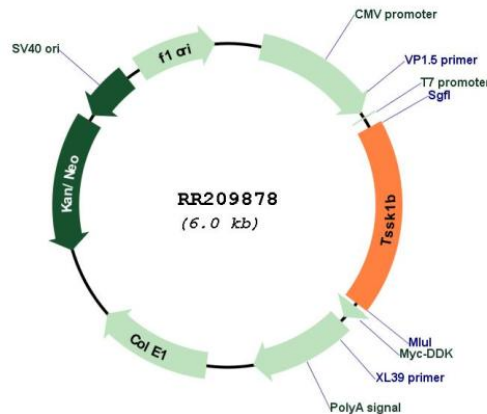
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001011900

ORF Size:	1095 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001011900.1 , NP_001011900.1
RefSeq Size:	1447 bp
RefSeq ORF:	1098 bp
Locus ID:	288358
Cytogenetics:	11q23
MW:	41.4 kDa