

Product datasheet for **RR213266**

Tssk2 (NM_001012019) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tssk2 (NM_001012019) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tssk2
Synonyms: Stk22b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213266 representing NM_001012019
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGATGCCGCGTCTAAGGAAGAAGGGTTACATCGTGGGAATCAATCTGGCAAGGGCTCCTATG
CAAAGTCAAATCTGCCTACTCAGAGCGCCTCAAGTTCAATGTGGCAGTCAAGATCATAGACCGCAAGAA
AACACCCACTGACTTTGTGGAGAGATTCCTTCTAGGGAGATGGACATCCTGGCGACTGTCAACCACCGT
TCCATCATTAAAGACCTATGAGATCTTTGAGACCTCTGATGGACGATCTACATTGTCTGAGGACTGGCGG
TCCAGGGCGACCTCCTCGAGTTCATCAAGTGCCGAGGAGCCCTGCACGAGGATGTGGCACGCAAGATGTT
CCGCCAGCTCTCCTCAGCCGTCAAGTACTGCCATGATCTGGATGTCTGCCACCGAGACCTCAAGTGTGAG
AACCTTCTGCTTGACAAGGACTTCAACATCAAGCTGTCTGACTTCGGCTTCTCCAAGCGCTGCCTGCGGG
ACGGGAGCGGGCGCATCGTCCTCAGCAAACCTTCTGTGGGTGAGCAGCTTATGCGGCCCCCGAGGTGCT
GCAGGGCATCCCTACCAGCCAAAGGTGTATGACATCTGGAGCCTGGGTGTGATCCTCTACATCATGGTC
TGTGGCTCCATGCCCTACGATGACTCTGACATCAAAAAGATGCTGCGCATCCAGAAGGAGCACCGAGTGG
ACTTCCCACGCTCCAAGAATCTAACTGGTGAGTGCAAGGACCTCATCTACCGCATCCTACAGCCAGATG
CAACCGGAGGCTGCACATTGATGAGATCCTCAGCCACTCGTGGCTTACGCCCCCAAGCCCAAGCCATG
TCTTCTGCCTCCTTCAAGAGGGAGGGGGAAGGCAAGTATCGAGCTGATTGCAAGTTGGTACTCGACCAG
GCTCAAGACCCGAACACCGGCCTGACCACAACTGGGAGCAAACCCAGCACCGGCTGCTGGTAGCACC
TGAGAATGAAGACAGGATGGAGGAGAGGCTGGCGGAGACTTCCAGAGCTAAAGACCATCACATCTTGA
GCTGAGGTGGGAAAGCAAGTACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213266 representing NM_001012019
 Red=Cloning site Green=Tags(s)

MDDAAVLRKKGYIVGINLGKGSYAKVKSAYSERLKFNVAVKIIDRKKTPDFVERFLPREMDILATVNHR
 SIIKTYEIFETSDGRIYIVMELGVQGDLLLEFKCRGALHEDVARKMFRQLSSAVKYCHDLDVVHRDLKCE
 NLLLDKDFNIKLSDFGFSKRCLRDGSGRIVLSKTF CGSAAAYAPEVLQGIPYQPKVYDIWSLGVILYIMV
 CGSMPYDDSDIKKMLRIQKEHRVDFPRSKNLTGECKDLIYRILQPDVNRRLHIDEILSHSWLQPPKPKAM
 SSASFKREGEGKYRADCKLDRPGSRPEHRPDHKLGSKPQHRLLVAPENEDRMEERLAETSRAKDHHSIG
 AEVGKAST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

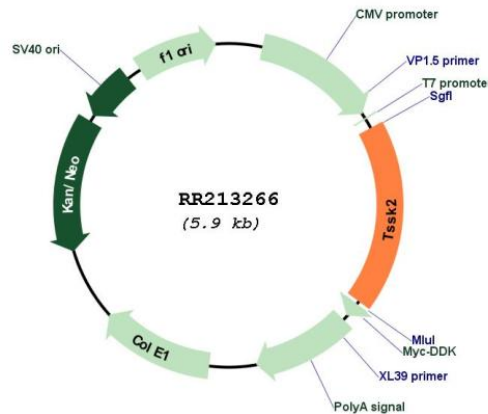
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012019

ORF Size:	1074 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_001012019.1 , NP_001012019.1
RefSeq Size:	1379 bp
RefSeq ORF:	1077 bp
Locus ID:	304181
Cytogenetics:	11q23
MW:	40.9 kDa