

Product datasheet for RC229905

TSSK4 (NM_001184739) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSSK4 (NM_001184739) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TSSK4
Synonyms:	C14orf20; STK22E; TSK-4; TSK4; TSSK5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229905 representing NM_001184739 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGAAGGGAGATGTCTTAGAGGCAGCACCAACCACCACAGCCTACCATTCCCTCATGGATGAATATG
GTTATGAGGTGGCAAGGCCATTGGCCATGGCTCCTATGGGTCGGTATATGAGGCTTTCTACACAAAGCA
GAAGGTTATGGTGGCAGTCAAGATCATCTCAAAGAAGAAGGCCTCTGATGACTATCTTAACAAGTTCCTG
CCCCGTGAAATACAGGTAATGAAAGTCTTGCAGCACAAAGTACCTCATCAACTTCTATCGGGCCATTGAGA
GCACATCTCGAGTATACATCATTCTGGAAGTGGCTCAGGGTGGTATGTCCTTGAATGGATCCAGCGCTA
CGGGCCCTGCTCTGAGCCCTTGTGGCAAGTGGTTCTCCAGCTGACCCCTGGGCATTGCCTACCTGCAC
AGCAAGAGCATCGTGCACCGCCTGATGCCAGCCTTTCTGCTGCTGGTAGGGACTTAAAGTTGGAGAACC
TGTTGCTGGACAAGTGGGAGAATGTGAAGATATCAGACTTTGGCTTTGCCAAGATGGTGCCTTCTAACCA
GCCTGTGGGTTGTAGCCCTTCTTACCGCAAGTGAAGTGTCTTTCCACCTCAGCCAGACTTACTGTGGC
AGCTTTGCTTACGCTTGGCCAGAGATCTTACGAGGCTTGGCCATAACCCCTTCTGTCTGACACCTGGA
GCATGGGCGTCATCCTTTACACTCTAGTGGTCCGCCATCTGCCCTTTGATGACACCAATCTCAAAAAGCT
GCTAAGAGAGACTCAGAAGGAGGTCACCTTTCCAGCTAACCATACCATCTCCAGGAGTGAAGAACCCTG
ATCCTCCAGATGCTACGCCAAGCCACTAAGCGTGCCACCATTCTGGACATCATCAAGGATTCCTGGGTGC
TCAAGTTCCAGCCTGAGCAACCCACCCATGAGATCAGGCTGCTTGAGGCCATGTGCCAGCTCCACAACAC
CACTAAACAGCACCAATCCTTGCAAATTACGACC

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_001184739.2](#)

RefSeq ORF: 1017 bp

Locus ID: 283629

UniProt ID: [Q6SA08](#)

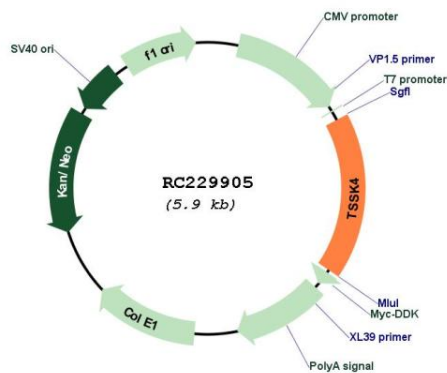
Cytogenetics: 14q12

Protein Families: Druggable Genome, Protein Kinase

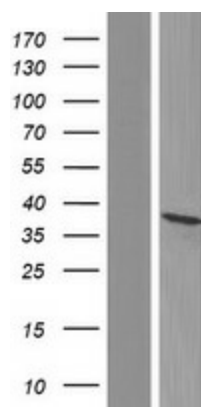
MW: 38.9 kDa

Gene Summary: This gene encodes a member of the testis-specific serine/threonine kinase family. The encoded protein is thought to be involved in spermatogenesis via stimulation of the CREB/CRE responsive pathway through phosphorylation of the cAMP responsive element binding protein transcription factor. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Product images:



Circular map for RC229905



Western blot validation of overexpression lysate (Cat# [LY432905]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC229905 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).