

Product datasheet for **RR213773**

Stk32c (NM_001108922) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk32c (NM_001108922) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stk32c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR213773 representing NM_001108922
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGCGCGCAGAGAGAAGGGGCAGCAGCGCCGCGGCCCGGTTCTCCACCTCCCGGTCTG
 CGCGCCCGCGGGCTCCGATGTGTCTCCGCCCTGCCCGCGCGCAGCTAGCCAGCCCGGGCTCGGGA
 CGCCGGGATGCCCGCGCGCAGCCGCGCCCTGTTTCAGTGGAGCAAGTGAAGAAGAGGATGTCTATG
 TCGTCCATATCGGCATCCAGCGCGGAGGCGGTGTTTGACGACAAGGAGGATGTGAACCTCGACCACT
 TCCAGATTCTGAGAGCAATTGGGAAAGGCAGCTTTGGCAAGGTGTGCATCGTGCAGAAGCGGGACACAGA
 GAAGATGTACGCCATGAAGTACATGAACAAGCAGCAATGCATCGAGCGTGTGAGGTCCGGAATGTCTTC
 CGGGAGCTGGAGATCCTGCAGGAGATCGAGCATGTCTTCTGGTGAACCTCTGGTATTCAATCAAGATG
 AGGAGGACATGTTTCATGGTGGTAGACCTGCTTCTGGTGGAGACCTGCGTTACCACCTACAGCAGAACGT
 CCAGTTCTCAGAGGACACAGTGAAGCTGTACATCTGCGAGATGGCCCTGGCCCTGGACTACCTGCGTAGC
 CAGCACATCATCCACAGAGATGTCAAGCCTGACAACATTCCTCGGATGAACAAGGGCACGCACACCTGA
 CCGATTCAACATTGCCACCATTATAAAGGATGGGGAGAGGGCGACGGCTTTAGCTGGGACCAAACCGTA
 CATGGCTCCAGAGATCTTCCACTCTTTCGTCAATGGCGGGACTGGCTACTCCTTCGAGGTGGACTGGTGG
 TCGGTGGGGGTGATGGCGTATGAACTGCTACGAGGATGGAGGCCCTACGATATCCACTCGAGCAATGCTG
 TGGAGTCCCTCGTTCAGTGTTCAGCACTGTGAGTGTCCAGTACGTGCCACCTGGTCCAAGGGGATGGT
 GGCCCTGCTGCGAAGCTCCTCACTGTGAACCTGAGCACCAGTTCCTCAGTCTCCAAGACATGCAACA
 GCCCATCGCTGGCCACGTGCTGTGGGATGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 ATAAAGGCCCGCTGCACTGTGACCCACCTTTGAGCTGGAGGAGATGATCCTGGAGTCAAGGCTCTGCA
 CAAGAAGAAAAGCGGCTGGCCAAGAATAAGTCTCGGGACAGCAGCAGAGACAGCTCCAGTCCGAGAAT
 GACTACCTGCAAGACTGCCTGGATGCCATCCAGCAAGACTTTGTGATTTTAAACAGAGAAAAGTTGAAGA
 GGAGCCAGGAACTCATGAGCGAGCCCTTCCAGGCCCGAGACTTCAGATATGACAGATTCCACTGCAGA
 CAGTGAGGCAGAGCCACAGCCCTGCCATGTGTGGTCCATCTGCCCTCATCTGGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213773 representing NM_001108922
 Red=Cloning site Green=Tags(s)

MRSGAERRGSSAAAPPGSPPPGRARPAGSDVSPALPPPAASQPRARDAGDARAQPRPLFQWSKWKKRMSM
 SSISASSARRPVFDDKEDVNFDFHFIQILRAIGKGSFGKVCIVQKRDTEKMYAMKYMKNQCCIERDEVRNVF
 RELEILQEIEHVFLVNLWYSFQDEEDMFVVDLLLGGDLRYHLQQNVQFSEDTVRLYICEMALALDYLRS
 QHIHRDVKPDNILLDEQGHHLTDFNIATIIKGERATALAGTKPYMAPEIFHSFVNGGTGYSFEVDWW
 SVGMAYELLRGWRPYDIHSSNAVESLVQLFSTVSQYVPTWSKGMVALLRKLLTVNPEHRFSSLQDMQT
 APSLAHVLDWDELSEKVEPGFVFNKGRHLHCDPTFEEMILESRLHKKKRLAKNKSRRSSRRSSQSEN
 DYLDQCLDAIQDFVIFNREKLKRSQELMSEPLPGPETSMDTDSTADSEAEPTALPMCGSICPSSGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001108922

ORF Size: 1464 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:

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_001108922.1](#), [NP_001102392.1](#)

RefSeq Size: 2175 bp

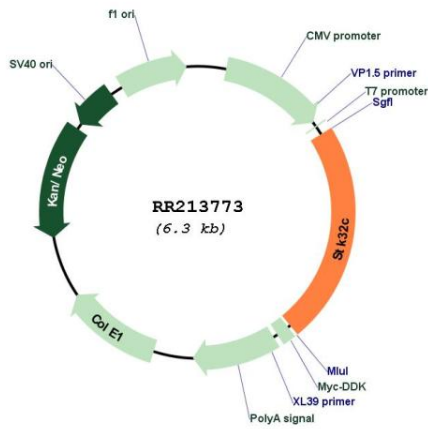
RefSeq ORF: 1467 bp

Locus ID: 365381

Cytogenetics: 1q41

MW: 55.2 kDa

Product images:



Circular map for RR213773