

Product datasheet for **RR216563**

Stk32a (NM_001191894) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stk32a (NM_001191894) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Stk32a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216563 representing NM_001191894
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAGCCAACACTTCAAGCAAAGCACCAGTGCCTTGATGAAAAATGAAGACGTCAACTTTGACCACTTTG
AAATTTTTCGAGCCATTGGGAAGGGCAGTTTTGGGAAGGTCTGCATTGTGCAGAAGAATGATACCAAGAA
GATGTACGCCATGAAGTACATGAATAAACAGAAGTGTGGAGCGGAATGAAGTGAAGGAATGCTTCAAA
GAACTCCAGATCATGCAGGGCCTAGAACCCTTTCTCTGGTGAATCTGTGGTATTCTTCCAAGATGAAG
AAGACATGTTTATGGTGGTGGACCTGCTACTTGGTGGGGACCTGCCTTATCACCTGCAGCAGAATGTCCA
CTTCCAGGAGGACACAGTGAAGCTTTCATCTGTGAGCTGGCCATGGCCCTGGACTATCTGCAGAGCCAG
CGCATCATTACAGGGATATGAAACCAGACAATATTTTACTTGATGAACATGGGCATGTGCACATCACAG
ACTTCAACATTGCTGCCATGCTGCCAAGGAGACTAGGATCACACCCTAGCTGGCAGCAAGCCCTACAT
GGCACCCGAGATGTTTCTAGGAGGAATCGGGTACTCCTTCGCTGTTGACTGGTGGTCCCTCGGG
GTGACGGCTTATGAACTGCTGAGAGGCCGAGGCCATATCACATCCGCTCCAGTACTTCCAGCAAGGAAA
TTGTCAACATGTTTGGAGACAGCAATTGAACTTACCCTTCTGCCTGGTCCAGCAGAGATGGTATCCCTTCT
TAAAAAGCTGCTTGAACCTAATCCAGATCAACGCTTTTCTCACTTACTGACATTGAGCAATTTCCCTTAT
ATGAGTGACATGAACTGGGATGCAGTCCCTGCAGAAGAGGCTCATTCCAGGCTTCGTTCCAACATAAGGTA
GGCTTAATTGTGACCCTACTTTTGAAGTGAAGAAATGATTTTGGAGTCCAAACCTTTCACAAGAAAAA
GAAGCGCTGGCTAAAAAGGAGAAGGAAATGAAGAAATGTGACTCCCCTCAGATGTGCCTTCTTCAAGAG
CATCTTGACGCTGTTTCAAGGAATTTATAATTTTCAACAGAGAAAAAGTAAAAAGAGACTTTAATCAA
GACAAGCAAATATAGCCTTGGAGCAAACCAAAAAACAACAGAAAGAGGAGGATGGCCAGAATAACAACCT
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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MGANTSSKAPVLDENEDVNFDFEILRAIGKGSFGKVCIVQKNDTKKMYAMKYMNKQKCVNERNEVRNVFK
 ELQIMQGLEHPFLVNLWYSFQDEEDMFVVDLLGGDLRYHLQQNVHFQEDTVKLFICELAMALDYLSQ
 RIIHRDMKPDNILLDEHGHVHITDFNIAAMPLKETRITTVAGTKPYMAPEMFSSRKESGYSFAVDWWSLG
 VTAYELLRGRRPYHIRSSTSSKEIVNMFETAIVTYPYSAWSAEMVSLKLLKLEPNPDQRFSHLTDIQNFPY
 MSDMNWDAVLQKRLIPGFVPTKGRLLNCDPTFELEEMILESKPLHKKKKRLAKKEKEMKKCDSPQMCLLQE
 HLDVAVQKEFIIFNREKVKRDFNQQRQANIALEQTKNNTTEEDGQNNNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191894

ORF Size:	1191 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_001191894.1 , NP_001178823.1
RefSeq Size:	1437 bp
RefSeq ORF:	1194 bp
Locus ID:	364858
Cytogenetics:	18p11
MW:	46.3 kDa