

Product datasheet for **RG238024**

STK32A (NM_001287740) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK32A (NM_001287740) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	STK32A
Synonyms:	YANK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238024 representing NM_001287740. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGGAGCGAACACTTCAAGAAAACCACCAAGTGTTTGATGAAAATGAAGATGTCAACTTTGACCACTTT
GAAATTTTGCAGCCATTGGGAAAGGCAGTTTTGGGAAGGTCTGCATTGTACAGAAGAATGATACCAAG
AAGATGTACGCAATGAAGTACATGAATAAACAAAAGTGCCTGGAGCGCAATGAAGTGAGAAATGTCTTC
AAGGAACCCAGATCATGCAGGGTCTGGAGCACCTTTCTGGTTAATTTGTGGTATTCTTCCAAGAT
GAGGAAGACATGTT CATGGTGGTGGACCTCTGCTGGGTGGAGACCTGCCTTATCACCTGCAACAGAAC
GTCCACTTCAAGGAAGAAACAGTGAAGCTTTCATCTGTGAGCTGGTTCATGGCCCTGGACTACCTGCAG
AACCAGCGCATCATTACAGGGATATGAAGCCTGACAATATTTACTTGACGAACATGGGCACGTGCAC
ATCACAGATTTCAACATTGCTGCGATGCTGCCAGGGAGACACAGATTACCACCATGGCTGGCACCAG
CCTTACATGGCACCTGAGATGTT CAGCTCCAGAAAAGGAGCAGGCTATTCTTTGCTGTTGACTGGTGG
TCCCTGGGAGTGACGGCATATGAACTGCTGAGAGGCCGGAGACCGTATCATATTCGCTCCAGTACTTCC
AGCAAGGAAATTTGTACACACGTTTGAGACGACTGTTGTAACCTACCCTTCTGCCTGGTCCAGGAAATG
GTGTCACCTCTTAAAAAGCTACTCGAACCTAATCCAGACCAACGATTTTCTCAGTTATCTGATGTCCAG
AACTTCCCGTATATGAATGATATAAACTGGGATGCAGTTTTT CAGAAGAGGCTCATTCCAGTTCATT
CCTAATAAAGGCAGGCTGAATTGTGATCCTACCTTTGAACTTGAGGAAATGATTTTGGAGTCCAAACCT
CTACATAAGAAAAAAGCGTCTGGCAAAGAAGGAGAAGGATATGAGGAAATGCGATTCTTCTCAGACA
TGCTTCTTCAAGAGCACCTTGACTCTGTCCAGAAGGAGTTCATAATTTTCAACAGAGAAAAAGTAAAC
AGGGACTTTAACAAAAGACAACCAATCTAGCCTTGGAACAAAACCAAGACCCACAAGTGACAAATGGA
CAAATGGACACAGGACTCAGTGAGACTTTT CAGACCTCGAAAAGTTTCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238024
 Blue=ORF Red=Cloning site Green=Tag(s)

MGANTSRKPPVFDENEDVNFDFEILRAIGKGSFGKVCIVQKNDTKMYAMKYMNKQKCVNERNEVRNVF
 KELQIMQGLEHPFLVNLWYSFQDEEDMFVVDLLLGGDLRYHLQQNVHFKEETVKLFICELVMALDYLQ
 NQRIIHRDMKPDNILLDEHGHVHITDFNIAAMLPRETQITTMAGTKPYMAPEMFSSRKAGYSFAVDWW
 SLGVTAYELLRGRRPYHIRSSTSSKEIVHTFETT VVTYPSAWSQEMVSLKLLLEPNPDQRFSQLSDVQ
 NFPYMNDINWDAVFQKRLIPGFIPNKGRLNCDPTFELEEMILES KPLHKKKKRLAKKEKDMRKCDSSQT
 CLLQEHLDSVQKEFIIFNREKVNRFNKRQPNLALQTKDPQVTNGQMDTGLSETFTQTSKVS
 TRTRPLEMESDEGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001287740

ORF Size: 1221 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.

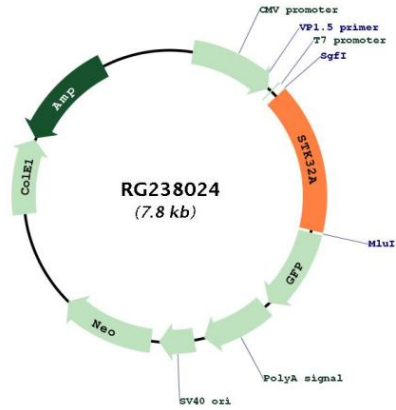
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001287740.2](#)

RefSeq Size: 4923 bp

RefSeq ORF: 1224 bp
 Locus ID: 202374
 Cytogenetics: 5q32

 Protein Families: Druggable Genome, Protein Kinase
 MW: 48 kDa

Product images:


Circular map for RG238024