

## Product datasheet for **SC313680**

### STK32C (NM\_173575) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** STK32C (NM\_173575) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** STK32C  
**Synonyms:** PKE; YANK3  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_173575 edited  
 ATGAGGAGTGGCGCCGAGCGCAGGGGCAGCAGCGCCGCGCGCTCCCCGGGCTCGCCGCC  
 CCCGGCCGCGCGCGCCCGCCGCGCTCCGACGCGCCCTCGGCCCTCGCCGCCCGCTGCT  
 GGCCAGCCCCGGGCCCGGACTCGGGCGATGTCCGCTCGCAGCCCGCCCTGTTTCAG  
 TGGAGCAAGTGGAAAGAGGATGGGCTCGTCCATGTTCGCGGCCACCGCGGGAGGCCG  
 GTGTTTACGACAAGGAGGACGTGAACCTCGACCACTTCCAGATCCTTCGGGCCATTGGG  
 AAGGGCAGCTTTGGCAAGGTGTGCATTGTGCAGAAGCGGGACACGGAGAAGATGTACGCC  
 ATGAAGTACATGAACAAGCAGCAGTGCATCGAGCGCGACGAGGTCGCAACGTCTCCGG  
 GAGCTGGAGATCCTGCAGGAGATCGAGCACGTCTTCTGGTGAACCTCTGGTACTCCTTC  
 CAGGACGAGGAGACATGTTTCATGGTCTGGACCTGCTACTGGGCGGGACCTGCGCTAC  
 CACCTGCAGCAGAAGTGCAGTTCTCCGAGGACACGGTGAGGCTGTACATCTGCGAGATG  
 GCACTGGCTCTGGACTACCTGCGCGGCCAGCACATCATCCACAGAGATGTCAAGCCTGAC  
 AACATTCTCCTGGATGAGAGAGGACATGCACACCTGACCGACTTCAACATTGCCACCATC  
 ATCAAGGACGGGGAGCGGGGACGGCATTAGCAGGCACCAAGCCGTACATGGCTCCGGAG  
 ATCTTCCACTCTTTGTCAACGGCGGGACCGGCTACTCCTTCGAGGTGGACTGGTGGTCG  
 GTGGGGGTGATGGCCTATGAGCTGCTGCGAGGATGGAGGCCCTATGACATCCACTCCAGC  
 AACGCCGTGGAGTCCCTGGTGCAGCTGTTTCAGCACCGTGAGCGTCCAGTATGTCCCCACG  
 TGGTCCAAGGAGATGGTGGCCTTGCTGCGGAAGCTCCTCACTGTGAACCCGAGCACCGG  
 CTCTCCAGCCTCCAGGACGTGCAGGCAGCCCCGGCGCTGGCCGGCGTGTGTGGACCAC  
 CTGAGCGAGAAGAGGGTGGAGCCGGGCTTCGTGCCCAACAAAGGCCGTCTGCACTGCGAC  
 CCCACCTTTGAGCTGGAGGAGATGATCCTGGAGTCCAGGCCCTGCACAAGAAGAAGAAG  
 CGCCTGGCCAAGAACAAGTCCCGGGACAACAGCAGGGACAGCTCCAGTCCGAGAATGAC  
 TATCTTCAAGACTGCCTCGATGCCATCCAGCAAGACTTCGTGATTTTTAACAGAGAAAAG  
 CTGAAGAGGAGCCAGGACCTCCCGAGGGAGCCTCTCCCCGCCCTGAGTCCAGGGATGCT  
 GCGGAGCCTGTGGAGGACGAGGCGGAACGCTCCGCCCTGCCCATGTGCGGCCCATTTG  
 CCTCGGCCGGGAGCGGCTAG



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_173575
<b>Insert Size:</b>	2000 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_173575.2.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_173575.2</a></u> , <u><a href="#">NP_775846.2</a></u>
<b>RefSeq Size:</b>	2141 bp
<b>RefSeq ORF:</b>	1461 bp
<b>Locus ID:</b>	282974
<b>UniProt ID:</b>	<u><a href="#">Q86UX6</a></u>
<b>Cytogenetics:</b>	10q26.3
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the serine/threonine protein kinase family. It is thought that this family member is functional in brain due to its high expression levels there. DNA methylation differences have been found in this gene in monozygotic twins that are discordant for adolescent depression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' terminal exon, and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.</p>