

## Product datasheet for **SC336111**

### STK40 (NM\_001282547) Human Untagged Clone

#### Product data:

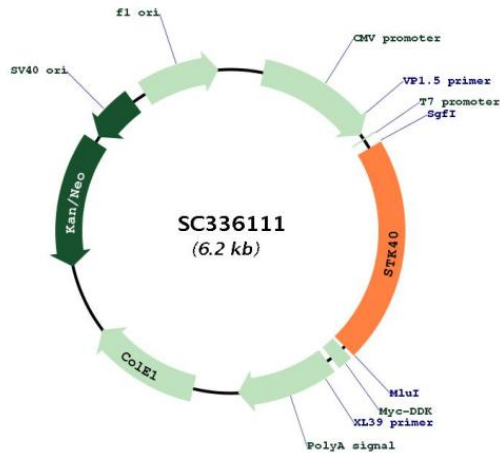
**Product Type:** Expression Plasmids  
**Product Name:** STK40 (NM\_001282547) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** STK40  
**Synonyms:** SgK495; SHIK  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC336111 representing NM\_001282547.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAAGCGGAGAGCATCAGACAGAGGAGCTGGGAAACGTCGGCCAGGGCCAAGGCTCTAGGAAGTGGG
ATTTCTGGAAATAATGCAAAGAGAGCTGGACCATTATCCTTGGTCCCGTCTGGGCAACTACCGGTG
CCAAGCATAGTGCAGTGTGGCGAGGAAAGATGGCACGGATGACTTCTATCAGCTGAAGATCCTGACC
CTGGAGGAGAGGGGGACCAAGGCATAGAGAGCCAGGAAGAGCGGCAGGGCAAGATGCTGCTGCACACC
GAGTACTACTGTCTCTCTCCTGCACACGCAGGATGGCGTGGTGCACCACCACGGCCTCTCCAGGAC
CGCACCTGTGAAATCGTTGAGGACACAGAATCCAGCCGGATGGTTAAGAAGATGAAGAAGCGCATCTGC
CTCGTCTGGACTGCCTCTGTGCTCATGACTTCAGCGATAAGACCCTGACCTCATCAACCTGCAGCAC
TACGTCATCAAGGAGAAGAGGCTCAGCGAGAGGGAGACTGTGTAATCTTCTACGACGTGGTCCCGGTG
GTGGAGGCCCTGCACCAGAAAAATATCGTGCACAGAGACCTGAAGCTGGGGAACATGGTGTCAACAAG
AGGACACATCGGATAACCATCACCAACTTCTGCCTCGGGAAGCATCTGGTGAGCGAGGGGGACCTGCTG
AAGGACCAGAGAGGGAGCCCTGCCTACATCAGTCCCGACGTGCTCAGCGGCCGGCCGTACCGTGGCAAG
CCCAGTGACATGTGGCCCTGGGCGTGGTGTCTTCCACATGTGTATGGCCAGTCCCTTCTACGAC
AGCATCCCGCAGGAGCTTCCGCAAGATCAAGGCTGCCGAGTATACCATTCTGAGGATGGACGGGTT
TCTGAGAACACCGTGTGTCTCATCCGGAAGCTGCTGGTCTTACCCCCAGCAGCGCTGGCCGCCCGCC
GACGTCCTGGAGGCCCTCAGTGCCATCATTGCATCATGGCAGTCCCTGTATCTCTGAGTGGGCCTTTG
CAAGTGGTTCCTGACATTGATGACCAAATGAGCAATGCGGATAGCTCCCAGGAGGCGAAGGTGACGGAG
GAGTGTCTCCAGTACGAGTTTGAGAACTACATGCGTCAGCAGCTGCTGCTGGCCGAGGAGAAGAGCTCC
ATCCATGACGCCCGGAGCTGGGTACCAAGCGGCAGTTCCGGCAGCGCACCACCGTGGCAGCGCTGGGG
CACGACGCACAGCCATGACCTCCTTGGACACGGCCATCTGGCGCAGCGCTACCTGCGGAAATAA
```

**Restriction Sites:** SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001282547

**Insert Size:** 1308 bp

**OTI Disclaimer:** 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).

**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\\_001282547.1](#)

**RefSeq Size:** 3662 bp

**RefSeq ORF:** 1308 bp

**Locus ID:** 83931

**UniProt ID:** [Q8N2I9](#)

**Cytogenetics:** 1p34.3

**Protein Families:** Druggable Genome, Protein Kinase

**MW:** 49 kDa

**Gene Summary:** May be a negative regulator of NF-kappa-B and p53-mediated gene transcription.  
[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1. Both variants 2 and 3 encode the same isoform.