

Product datasheet for **SC305862**

STK35 (NM_080836) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STK35 (NM_080836) Human Untagged Clone
Tag:	Tag Free
Symbol:	STK35
Synonyms:	CLIK1; STK35L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC305862 representing NM_080836.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGCCACCAGGAGTCTCCGCTGGCCCCGGCGCCGGGGAGGTGCAGCTTATGTTAAAGAGTTATGT
AAAGGGCTCAGCTGGCGCGAACACGTGGAAAGCCACGGGAGCCTAGGAGCCAGGCTTCCCAGCGAGC
GCCGCGGCAGCAGAAGGATCCGCTACACGCCGGGCTCGGGCCGCCACCTCCCGCGCTGCTCGGTCCCGG
AGGCAGCCCGGGCCCGGAGCGGACCATCCCCAGGCAGGGGCTCCAGGGGGAAACGGGCCCGCCGGAAG
TGGAGGTGCGCGGGCCAGGTACAATCCAAGTCCGGCTCCTCCGCTCCAGGGCCGGACGGAGGGAT
GAGGCAGGGGGGGCCCGGCAGCGCCGTTGCTGCTCCCCCGCCGCCAGCCATGAAACGGGGAAAG
GACGGCGCCCGCAGAGGTACACAAAGCCCGAGCGGAAAAGGCGAAGCCAGTCCCGCGGGCGCCAGC
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TTCTGGCGGGCGACGGCTGAGGGCGGTGGCGGGTCCGCGGGCCGCTTACAGCCTGTTGGCGGAG
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CTCAAGCGGGCCACCAGAACGTCGTGCAGTTTGGAGGTGCGTCTGCAGCGCAATGGGTTAGCCAG
CGCATGAGTACGGCAACAAGAGCTCGCAGCTTACCTGCGCCTGGTGGAGACCTCGCTGAAAGGAGAA
AGGATCCTGGGTTATGCTGAGGAGCCCTGCTATCTCTGGTTTGTGATGGAGTTCTGTGAAGGTGGAGAC
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AGCGCCATTGCCCTTCTGCACAAAAACCATATTGTGCACAGGGACCTGAAGCCAGACAACATCCTCATC
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TTTGCCCTGGGCATTATCATCTGGCAATGATAGAAAGAATCACTTTTATTGACTCTGAGACCAAGAAG
GAGCTCCTGGGGACCTACATTAACAGGGGACTGAGATCGTCCCTGTTGGTGGAGCGCTGTAGAAAAC
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AAAGATATGTTAGCTGCTAACCCACAGGACCGCCTGATGCCTTTGAAGTGAACCAGAATGGACCAG
GTCACATGTGCTGCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_080836
- Insert Size:** 1605 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).
- OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_080836.3
RefSeq Size:	6414 bp
RefSeq ORF:	1605 bp
Locus ID:	140901
UniProt ID:	Q8TDR2
Cytogenetics:	20p13
Protein Families:	Druggable Genome, Protein Kinase
MW:	58.1 kDa
Gene Summary:	<p>The protein encoded by this gene is a kinase that is predominantly found in the nucleus. However, it can interact with PDLIM1/CLP-36 in the cytoplasm and localize to actin stress fibers. The encoded protein may be a regulator of actin stress fibers in nonmuscle cells. [provided by RefSeq, Jul 2008]</p>