

Product datasheet for **SC214874**

STK39 (NM_013233) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STK39 (NM_013233) Human 3' UTR Clone
Symbol:	STK39
Synonyms:	DCHT; PASK; SPAK
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013233
Insert Size:	1504 bp



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Insert Sequence: >SC214874 3'UTR clone of NM_013233
 The sequence shown below is from the reference sequence of NM_013233. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATTGGGTTTGCTCAGTTGAGTGTGAGCTGATGTATGTCCCTTGATGTCACCCGTGATCTGTATGCCCA
CCGCCACCCCTACTCCCTTCAACCTCCCTCTTTCTGCCATTTCTCCACCCCTCACTCCCATTTT
CTAGCAAATCAGAAGATTGTGAAGAGGCCGCTTCAACAAAATGGGATAAAAAATAATTTTTTAAAA
CTTACAACACTCCGAGTTCTGCTTTATTCTCTAGCAATCCACAGTACAAGAACAAGCAAATGCCACAGC
TGCACGACTGTTGCTCATTTTTCCAAAAGCTATTTAATATTCTTAGCAATCAATTTGGATATCCCTTAA
GTGAAAAGAATCTGAAATACACTCAGGTGGTCTTATTTATTGGCAACAAAAGGAATTTTCTATCCAGAA
GCCTATTTCTCCTTTTATTGTTGTTATTTCTGTTATAACTTTAATTGTACATCTGACAATACTGCCT
CTTTTATGTTGATTTAGAAATTAATACTTATAAAAATTAAGATTTATTAGCCAACTTGAATTCTAG
TTTTAAAAGTACTGACTGTGAATTTTATTTTCATATTTTATGCATTACACACCTTAGCTATAAGAAAAA
AGGGTTTTGATTATATGCTTCTTGCAGTTAATCTCGTTATTTAAACAAAAGTTTTGGGTCTGTCTTTG
GAGTATTTGTAACCTTCTAAATTTTAAAATGACTGAATTAGGAATTTGGATGCTTATTCTTTTAGTCTGT
TTGCCTAAAACCAATTTACAATCTGACTGTCTCTTGGGAGAGGGAGGTGCCTTGCAAACTTTCACATT
AAGAAATGTGCCTGAGGCTGCTTACTCTGGAATAGTCTCAGATCTAAAATTTCTCTATATAAGGTGGC
ATATGTTAAGTTTTGCTTATTGGACCGTTTGAATGCTATGTAAGTGTGCAATTTCTGTTAGATTGC
TAACATATACCCATCTCTGATTTGGCTCTCCTAAGTGATAGGATTTGTTATTCTAAAGGTGATAAAC
TTGAAAATATCAGAATCTGAGTTTTACTTGAATTTTGCAGAATACCCAGGTGGAGTGAATTTGGAAG
GGTTTTGTGCAATGACTAAAAGGTAAAACGCTGTTAAGGTTCAAGAATCAATACTTTCAACCCAAGTAG
CCCTCTGCTTGACTGTATATTATGGAACACTAGTAAACCTTAGGATTTTGAATTTGGAGTCTAATCTTTC
AAGGAGGTGGGCTCCAGGATGGTACCATTGCTCTTTCCTAGCTAACCTAGATATGGCAGCTCTTTAA
TGTACTTCAAAAAGCAAATATATATTACTAAGGAAAAAAGTTATTTATAATTGCCTTGCATAATTGT
TAAGGTGTTCTAGAGCCATTTGCATACAATTTAATGTAATTTTCTTCCATTCTATTGTTTACACAACGA
TTACTCGAAGATGACTGCAAAGTAAAAGGAAAAATAAAGTGTATTGCACAATGA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_013233.3](#)

Summary: This gene encodes a serine/threonine kinase that is thought to function in the cellular stress response pathway. The kinase is activated in response to hypotonic stress, leading to phosphorylation of several cation-chloride-coupled cotransporters. The catalytically active kinase specifically activates the p38 MAP kinase pathway, and its interaction with p38 decreases upon cellular stress, suggesting that this kinase may serve as an intermediate in the response to cellular stress. [provided by RefSeq, Jul 2008]

Locus ID: 27347

MW: 57.5