

Product datasheet for **SC216653**

STK16 (NM_001008910) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STK16 (NM_001008910) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	STK16
Synonyms:	hPSK; KRCT; MPSK; PKL12; PSK; TSF1
ACCN:	NM_001008910
Insert Size:	1808 bp



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Insert Sequence: >SC216653 3'UTR clone of NM_001008910
The sequence shown below is from the reference sequence of NM_001008910. 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
GCTCCTGGCCAACATACTACCCAATCTGAAAAAGCAGCATGTTGAGAAGATGGCCCTTGTGCCTTGG
AAAGAGGTTCCCATCCCTCATTGGAATCACACCATTCCATCCAGGACTTCTCTTACACTTGGGGTA
GCGGGGTGAGGACAATCATCTCAGTCTGCATCTTTTCTTCTGCTTTCTCCCTCCAAGAGCAAAACCT
GGGCAAGGGGACTTACTGAGTGGGGTGGGGTGGGAAAAGGAACTGGTGGGATATGGAACA
TGGCTCTGAGCAGGACTGTTGAGCTCACATAGTGTCTGACTCCAATCTGGGAGCAGGAGAATGTGTA
AACAGAATAAAGTGAAGCAGGTTGGTGTAGATCTTAGTCTCAGTGTCTGGAGTGAGAGAAGAGGT
GCAAGGGGCCAAAGTCAGGTTGCCATTCAGGCGAACTGCCTGGGAAGGAGGAATGGTGCAGAGTCGG
CAATGGTGTGACTTCATTCTACAGGAGTTGGTTAGCAGTGGACAGTTCTAGCTTGTCTTAGATCAAAA
CTTAAAGCTGCTTGGGCTCAAGCTGGCATCTGCCTGTGTCAAGAACTAGGGCCCCCTAAAAACACTCAA
CTAGTTCTTTCCTTCTTCACTCCTGGGGTGAGTAGCTTAGTCAAAGCTGCCTAGCCGGTTTGTAGGC
AAGGGCTCTGGGTGGAGACACCTGAGGAAGCTTTGAGACAGGTAGATTACAGGTCTCCCATCCTCAGC
CTAGGGGCGAGGGGAGTGGAGGTGGCAGCGCAGCTGTTTTGGCCTGTGTCTCCCTGATCGTTCAAGCT
CATACATGGTTAATGATTAATGAGGCAGTGTGGTGTGGCAGTATCCAGCTGCCACTTCTGCCTACTCT
GCTGAGTAAACAGGGGCCCTGTCTTAGCTGGGCTTCAAACCTGTCCCTAGGGAAGGGCTCTGTTCCCT
GAATCACAGGGGAGGAAAGGCAAGGGCAGGGTTGGCATCTCCTGCTCTTTTGTGATCCAAGCCTCCTCC
CCCGAACCATGTCTACCCACAGTATGACATCAGCATGGGGCTGGGGCTCCTGTTAGCAAAGTTGAAG
CTTTCCCGAGGGCCCTAGCAGGAGTCTCCCACTAGCTAGCACAGAGGCTGAGGCCAGAAAGAAATCACA
AACAGAGGGGAGATGACCTGACTTTAATGGCACAGCCCAAGCTCCAGCAAGCAGCAAGACAGGAAGC
TATGCAAAGCTGCTCAGAGGTGAGTGGCACAACAACCTAGGAGATCGCCTGTGTTCCCTCCCATCC
CCCAAGCTTATGACGTGGCTCCATGCCAGGAAGCTCTGGGCCAGCCAGCCCACTCCCAAACCTCAT
AATGCACAGAGGAGCCTGGGCCAAGCCTTGCTTCCAGAGTTGGTAAATGTAGAGGCAGCAGGAAGAACA
GGGTAGCAGTCTAACTTCAAAGACAGAAACCACTGGATTATACTCTACTTGGAAAGGAGCTGAAGAC
TCATCCTTCAACAGTTTGTGCTGGATTTTGGTCTCATTCTCCTCTATACTGAGTAACCCTAGGACT
TCAATTTAAAGTCCCTGGGTTATGCTTCTGGGCTGGCAAGAACCCTTTGCAGGTCTCACCTTCAG
CGATGGAAGGGATAAGGGTCATGAACAGCAAACAGAGCAGCAGCAGCATGAAGGGGAAGGCAGCAGAAG
CTCAAGCACTCAGAGGGAACAAGAAACCGTGAAGGAACTGTTTATTTGAAAGGATTTTGAATAAA
CATAGTGAATAGGC
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

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_001008910.4](#)

Summary:

Membrane-associated protein kinase that phosphorylates on serine and threonine residues. In vitro substrates include DRG1, ENO1 and EIF4EBP1. Also autophosphorylates. May be involved in secretory vesicle trafficking or intracellular signaling. May have a role in regulating stromal-epithelial interactions that occur during ductal morphogenesis in the mammary gland. May be involved in TGF-beta signaling. Able to autophosphorylate on Tyr residue; it is however unclear whether it has tyrosine-protein kinase toward other proteins.
[UniProtKB/Swiss-Prot Function]

Locus ID:

8576

MW:

65.4