

## Product datasheet for SC211686

### STIL (NM\_001048166) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones  
Product Name: STIL (NM\_001048166) Human 3' UTR Clone  
Symbol: STIL  
Synonyms: MCPH7; SIL  
Mammalian Cell Selection: Neomycin  
Vector: pMirTarget (PS100062)  
ACCN: NM\_001048166

Insert Size: 1027 bp

Insert Sequence: >SC211686 3'UTR clone of NM\_001048166  
The sequence shown below is from the reference sequence of NM\_001048166. 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
CGTCTCAGACAGTTACCAAAATTATTTAACCTTTTAACTCCCTGCCCTTTTAATACAGGGACAGGGTG
TCTCCTGAAGATACTTAGGGAAAACAGGAGCCTACCACAAGGCTCCTGATCATTCTGGAGTCACTGTTT
CTTGGTAGCAGCCAATTGGGAAGAGTGACTTCTGTGAGATGGCTGGTGGTATAGGACTAAGTTCTCA
TTGTTCAATAGAGCTGTTCAACATCACTGAAACCTTTAAGAAAAGCCCTGAGATCAGTTATTCCCTACA
AGTTTAAAGTAGTAGACAGATACTATCCAGCTCTAAGTCTCAACTGCTCTTTTATACTGTACTTTTTTTT
TTGAGACGGAGTTTTGCTCTTGTAGCCCAGGCTGGAGTGAATGGCAGGATCTCAGATCACTGCAACCT
CTGCCCTCTGGGTCAAGCGATTTTCTGCTTCATCTTCCAGGTAGCTGGGATTACAGGCATGTGCCA
CAACGCCCTGGCTAATTTTGTATTTTAGTAGAGACTGGTTTCTCCATGTTGGTCAGGCTGGTCTCAAC
TCCCGACCTCAGGTGATCCGCCCGCCTCGGCCTCCTAAAGTGTGGGATTACAGGCGTGAGCCACTGCG
CCCAGCTATACTGTATATTTAAGAAGTCCAGCATGTTGCATCTCTGCATTTATCCTATATCATTTAAA
AGAACATAAGTTATCATGGTGTGGGTAATAGCGAAATCAACCCTTCCTAAGTTAAGGGAAAAGTT
ATTTTTAAAAACAACCTAATAAAAACTTACACTTTTTATACAAGAGTATTTCCCTTAATTAGGAT
GCATGTTGATTAACCTCGAGATACAGCTTTTTGCAGTATGGTGGTGGTTTTGGTGTAAACATCTTCAA
CATGTCACTGGCTATCAAAGAATAAGAAAATTATTGAGTATGAGTGTGTTTTATAAACTTTCTGAGT
TTTTAGATGTCTTAATATTTTTAATAGAACTTAATAAAATGTCTAGATTGACTATTTTC
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001048166.1</a></u>
<b>Summary:</b>	This gene encodes a cytoplasmic protein implicated in regulation of the mitotic spindle checkpoint, a regulatory pathway that monitors chromosome segregation during cell division to ensure the proper distribution of chromosomes to daughter cells. The protein is phosphorylated in mitosis and in response to activation of the spindle checkpoint, and disappears when cells transition to G1 phase. It interacts with a mitotic regulator, and its expression is required to efficiently activate the spindle checkpoint. It is proposed to regulate Cdc2 kinase activity during spindle checkpoint arrest. Chromosomal deletions that fuse this gene and the adjacent locus commonly occur in T cell leukemias, and are thought to arise through illegitimate V-(D)-J recombination events. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	6491
<b>MW:</b>	39.4