

Product datasheet for **SC201297**

SKP2 (NM_005983) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SKP2 (NM_005983) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SKP2
Synonyms:	FBL1; FBXL1; FLB1; p45
ACCN:	NM_005983
Insert Size:	2000 bp



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Insert Sequence: >SC201297 3'UTR clone of NM_005983
 The sequence shown below is from the reference sequence of NM_005983. 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
CTGACACTGCAAAAGCCAGTTGTCTATGAAGTATTTATTGCAGGATGGTGTCTCTTCTTTAGAACAGG
GAAAATAGGCAGGAAGCCCAATTGCTGGAGTACTTAGCTAGTTTTATTCTTGTTTTCCCTTTGCCTTC
ATTCTGCAAGTATACTAGGGAGCCATTTGAGAGGGAAAATATGAAATCTTGCTTTTGAATGATTCT
AAAAGCTTCTACTGCTTTGCTTAAAGAGCCAAAGTTGTAGGCCCTTTGAAATTTAGGAGAGTGA
GCCTATAATTTCAAGATACCTTAAAGAGCAAAATTTGAGCCACCTCTTCAAGTGCCTTCTACTAAG
TCTATTCAAGATCAAGCTTAAAAATTACCACCAGCAACAATCTTCATAGCCCATATAACTTTTATCTA
TTTAAATTTATAGTATTGCTTTAAGACAGCTTAGAAGAACAATAAGCTATTTGTATTATGAGCTGAA
CAAAAAGAGAATCATAGGATAGTAGCGTCTGAGGCCATCTTTCTAGGAATAGGAAAGAGAAAAATGTA
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ACTTAACAAAAGACCAAAACATTACAAAACCCAGAGATATAGAATCAATATAGGATTTGAAGGCCAGCA
GACAGTTTTCTATGACAGGTTAATCTGAAGTATCCTGTAATGTTCAATTAAGTTACTGTGTTCCAGAAT
CTAAATTAGATGAGAAATATAATTGTGGTTTTCTAACTTGATAATCAAATATGTTAACATGGGTCCCTT
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ACTCTGGAATCAAGTATTTTAAATGTATTTTTTTTTTAAATGATCTCTCAGCAATAATTGTTTGAAC
TATCCATATAAAGTTATCAGACCTACAGTCCCTAAGAGGAACTGCATGTTCTTTCAATCAGAAAT
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TAAAATCCAGATGTGGGACCTTTTGATACCATCAGTGATATATTTTTTTTTTAACTGGTACAGAGAAGT
GAAAAGATTAATTTCTACTTCTATTTTTTTTTTTTTTTTTTGGAGACGGAGTCTCGCTCTGTCACCAAGG
CCGGAGTGCAGTGGTGCATCTCGGCTCACTGCAAGCTCCGCTCCAGGTTACAGTCATTCTCCTGCC
TCAGCCTCCGACTAGCTGGGACTACAGGCGCCACCACCAGCCCGGCTAATTTTTTTGATTTTTTAG
TAGAGACGGGGTTTACCATGTTAGCCAGGATGGTCTCAATCTCCTGACCTCATGATCCGCCGCTTG
GCCTCCCAAAGTCTGGGATTACAGGCATGAGCAACTGCGCCAGCCAAATTTCTACTTCTAAAAATCA
CAAAAAGTAAATTTAAATTTGATGACTTGTTCGTATGTTCAAATGTAACAACAAAAAAGCTAACACCAG
TCATTTATATTAATTTTTTTTTTTTTTAAATCAAAAATTGTTAATGTTAGAAACATACTATGAAGTGCCTT
TATCTGCTTAGACCTAAGGAAGATTTTAAAGTTGGGTTGCACAGGAAATGATGATGCTTCAATTTCTTA
ATAGTTAAAAAGTGCTAAATACTACTTGAAATTTGTTTACAGATTAGTGACAAGAGCTGGGGTTAGG
ATCCGGTTGGACTCTGACATCGGATGCCCTCAAACATACAGAAGTCCAAACTCAAGTCCAGCCATAAG
CTATTTTGCCAACATGTCAGAGTAATCTGTATTTTTGTATGTGATTTCTACTTTTATAGACTTGTTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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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_005983.4](#)

Summary:

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class; in addition to an F-box, this protein contains 10 tandem leucine-rich repeats. This protein is an essential element of the cyclin A-CDK2 S-phase kinase. It specifically recognizes phosphorylated cyclin-dependent kinase inhibitor 1B (CDKN1B, also referred to as p27 or KIP1) predominantly in S phase and interacts with S-phase kinase-associated protein 1 (SKP1 or p19). In addition, this gene is established as a protooncogene causally involved in the pathogenesis of lymphomas. Alternative splicing of this gene generates three transcript variants encoding different isoforms. [provided by RefSeq, Jul 2011]

Locus ID:

6502

MW:

77.3