

Product datasheet for **SC126980**

SKP1 (NM_006930) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKP1 (NM_006930) Human Untagged Clone
Tag:	Tag Free
Symbol:	SKP1
Synonyms:	EMC19; OCP-II; OCP2; p19A; SKP1A; TCEB1L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126980 sequence for NM_006930 edited (data generated by NextGen Sequencing)

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ATGCCTTCAATTAAGTTGCAGAGTTCTGATGGAGAGATATTTGAAGTTGATGTGGAAATT
GCCAAACAATCTGTGACTATTAAGACCATGTTGGAAGATTTGGGAATGGATGATGAAGGA
GATGATGACCCAGTTCCTCTACCAAATGTGAATGCAGCAATATTAATAAAGGTCATTCAG
TGGTGCACCCACCACAAGGATGACCCTCCTCCTGAAGATGATGAGAACAAAGAAAAG
CGAACAGATGATATCCCTGTTTGGGACCAAGAATTCCTGAAAGTTGACCAAGGAACACTT
TTTGAACTCATTCTGGCTGCAAACACTTAGACATCAAAGGTTTGCTTGATGTTACATGC
AAGACTGTTGCCAATATGATCAAGGGGAAAACCTCCTGAGGAGATTCGCAAGACCTTCAAT
ATCAAAAATGACTTTACTGAAGAGGAGGAAGCCCAGGTAGGTAGCACACAGTTTTGTCTT
TGA
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Clone variation with respect to NM_006930.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_006930 unedited</p> <pre>TGTATACGACTCATATAGCGGCNCGCAATTCGCACGAGGGCTGTAGTGGCTTCGTCTT CGGTTTTTCTCTTCCTTCGCTAACGCCTCCCGGCTCTCGTCAGCCTCCCGCCGGCCGTCT CCTTAACACCGAACACCATGCCTTCAATTAAGTTGCAGAGTTCTGATGGAGAGATATTTG AAGTTGATGTGGAATTGCCAAACAATCTGTGACTATTAAGACCATGTTGGAAGATTTGG GAATGGATGATGAAGGAGATGATGACCCAGTTCCTCTACCAAATGTGAATGCAGCAATAT TAAAAAAGGTCATTTCAGTGGTGCACCCACCACAAGGATGACCCTCCTCCTCCTGAAGATG ATGAGAACAAAGAAAAGCGAACAGATGATATCCCTGTTTGGGACCAAGAATTCCTGAAAG TTGACCAAGGAACAACACTTTTTGAACCTCATTCTGGCTGCAAACACTTAGACATCAAAGTT TGCTTGATGTTACATGCAAGACTGTTGCCAATATGATCAAGGGGAAAACCTCGAGGAGA TTCGCAAGACCTTCAATATCAAAAATGACTTTACTGAAGAGGAGGAAGCCAGGTAGGTA GCACACAGTTTTGTCTTTGATCACATGCTCTTAAAAAGGGAGTAACACCTATAACATGCC AGCAAAAGAGGTGACTGTATCAAGTAGTCTTGATACTTTAGGGATAATATGTAATAATG TGCTTAAACATACTCTTACTGGTCTGTCTTTATGAATCTGAACACTTAGATGATACTGC ATTTTAAGCATAAGAACATTAGTTTTAATGAGAAGAGCTCTTGNTATGTATAAACAGTAC TAGTTNTGCACCTGCACTTCTGTATAGACATACTATCTGACTCAAAAAGCAGCCTAAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_006930 unedited</p> <pre>CGGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTATAGAGAACCCA CAGTTCAGTTTTATTAGAGCAAAGAAAAAGAACTTTCCATCATACTAAAAAAACTT GGCCGTAAGGTTGGGATCTGTGCTCAAACACATGCAATGAGGACAATATTCTGCTA ATACAATTGACTTGCTGCTGCATTTGTCTACTGTTTGTCTAATATTAACAATTATAACA GAGCAGTGAACACTAGTATTTGGAACAATCCTTACAGTGTACAGTGTGAGGACAAACATT TCACTTCTCTTACACCACTGGTCTCTTTGCGTACCTAAAAGAGATGGATATAGGGAAG TACCTTAACTTGAGTAGTCTTTCCTAAGACTTATAAACTACCTACTGATTCATCGATA GCCAGTGAGTTGAGTCAGAAGAACAGATGGAAAATTAGAACAACACCAGGTTAAGACTAT ATTTCCGGATTTCTTTCTTTGCTCCCATGGTTTTTATTCTGCCTGCTGAAATATGA ACAAAGCAAAGGCAATGGGCAATTTACTAAAGTTGACAGAGCAAATTCAGTTAATTCATT CACATTATTTAGTCTGTAGTCATGTCAACAAAATCATTCTGATCTATTCTTTTATTTC TCCCCTCATTAAAGTTGCTCTAAAGTACCCTAGTATATACTTCTCTCTAGGGCCTGCTTTT CTGATGTCAGATATGTATGGTCTATACAGAAAAGTTGCAGGTGCCAAAACACTAGTAAGTGT AATACATTAANCAAGAGCTCTTCTCATTGAAAACATAATNGNTCTTATGCTTAAATGCANG TATCATCTAGTGTTCAGATTCATAAGACAGAACAGTAGAGTTGTTTAAAGAACATTNAGTA CATATATCCCTAAGTATCAGACTACTGAACAGCACCTCTTTGCTGGATGNTATAGTGTAC N</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_006930
Insert Size:	1650 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).
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_006930.2 , NP_008861.2
RefSeq Size:	2172 bp
RefSeq ORF:	483 bp
Locus ID:	6500
UniProt ID:	P63208
Cytogenetics:	5q31.1
Domains:	Skp1
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Oocyte meiosis, TGF-beta signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway
Gene Summary:	<p>This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to the F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitination of specific protein substrates, which targets them for degradation by the proteasome. Specific F-box proteins recognize different target protein(s), and many specific SCF substrates have been identified including regulators of cell cycle progression and development. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript variant but encodes the shorter isoform (a).</p>