

Product datasheet for **SC119010**

CKS1 (CKS1B) (NM_001826) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CKS1 (CKS1B) (NM_001826) Human Untagged Clone
Tag:	Tag Free
Symbol:	CKS1
Synonyms:	CKS1; ckshs1; PNAS-16; PNAS-18
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001826 edited ATGTCGCACAAACAAATTTACTATTCGGACAAAATACGACGACGAGGAGTTTGAGTATCGA CATGTCATGCTGCCAAGGACATAGCCAAGCTGGTCCCTAAAACCCATCTGATGTCTGAA TCTGAATGGAGGAATCTTGGCGTTCAGCAGAGTACAGGATGGGTCCATTATATGATCCAT GAACCAGAACCTCACATCTTGCTGTTCCGGCGCCCACTACCCAAGAAACCAAAGAAATGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001826 unedited TAGATTTGTATACGACNACTATAGGCGGCCGCGNAATTCGCACGAGGGTTGGGAGTTGCT TGGAGGTTGGCGCGCGGGGCTGAAGGCTAGCAAACCGAGCGATCATGTCGCACAAACAA ATTTACTATTCGGACAAAATACGACGACGAGGAGTTTGAGTATCGACATGTCATGCTGCC AAGGACATAGCCAAGCTGGTCCCTAAAACCCATCTGATGTCTGAATCTGAATGGAGGAAT CTTGGCGTTCAGCAGAGTACAGGATGGGTCCATTATATGATCCATGAACCAGAACCTCAC ATCTTGCTGTTCCGGCGCCCACTACCCAAGAAACCAAAGAAATGAAGCTGGCAAGCTACT TTTCAGCCTCAAGCTTTACACAGCTGTCCTTACTTCCTAACATCTTTCTGATAACATTAT TATGTTGCCTTCTGTTTCTCACTTTGATATTTAAAAGATGTTCAATACACTGTTTGAAT GTGCTGTTAACTGCTTTGCTTCTTGAGTAGAGCCACCACCACCATAGCCCAGCCAGATGA GTGCTCTGTGGACCCACAGCCTAAGCTGAGTGTGACCCAGAAGCCACGATGTGCTCTGT ATCCAGAACACACTTGGCAGATGGAGGAAGCATCTGAGTTTGAGACCATGGCTGTTACAG GGATCATGTAAACTTGCTGTTTTGTTTTTTCCTGCCGGGTGTTGTATGTGTGGTGA CGGATTTATGTTTCAGTGTACTGGAACTTTNCATTNTATTCAAGAAATCTGTTTCATGT TAAAAGCCTTGATTAAGAGGAAGTTTTATAATCTAGTGTGTAATTGTACGGGTTTTT TTCCCCTCACTCAGGGTGAGCATCATCAATATCATGGGTCTAANTATATGCCCTTNCAG TTGATAATGAAGCTCAGCTCTTTGCTGATAATGAGGGTTAACATTGAGATACTGGNTT
Restriction Sites:	NotI-NotI
ACCN:	NM_001826



[View online »](#)

Insert Size:	2630 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:	<u>NM_001826.1</u> , <u>NP_001817.1</u>
RefSeq Size:	717 bp
RefSeq ORF:	240 bp
Locus ID:	1163
UniProt ID:	<u>P61024</u>
Cytogenetics:	1q21.3
Domains:	CKS
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Pathways in cancer, Small cell lung cancer
Gene Summary:	<p>CKS1B protein binds to the catalytic subunit of the cyclin dependent kinases and is essential for their biological function. The CKS1B mRNA is found to be expressed in different patterns through the cell cycle in HeLa cells, which reflects a specialized role for the encoded protein. At least two transcript variants have been identified for this gene, and it appears that only one of them encodes a protein. [provided by RefSeq, Sep 2008]</p> <p>Transcript Variant: This variant (1) is the protein-coding variant.</p>