

Product datasheet for **SC109966**

CDC2L5 (CDK13) (NM_003718) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDC2L5 (CDK13) (NM_003718) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDC2L5
Synonyms:	CDC2L; CDC2L5; CHDFIDD; CHED; hCDK13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_003718 edited
GCGGTAGGCGGTACGGTGGGAGGTCTATATAAGCAGAGCTCATTAGGTGACACTATAG
AATACAAGCTACTTGTCTTTTTGCAGCGGCCGGAATTCGGCAGGAGGTGGCGTTTT
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CCTAGCACACTAACTCTGAAGAGTAGCCTGGCAGCTGAATTGAACAAGAATAAAAAAGCA
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 ACAAAGCTACCTTTAGTCAAAGGTCAGTGTGCTTTGACCTGCTTTTCAAGTGTATTG
 TGAAGGTGTAAGTTTGTCTCATTTTCAAAAAATAAACACAACC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003718 unedited
 CCCGCCCCGTTGNCGCTTTGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAG
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 TCCCGTTTCCGCGGGGGAGATGGCCAGGATCTGACCCGGGAGGAGGCCACCCGCGCC
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 CGGCCACCGCAAGAACCGCATCGGGATGGGCAACCCGGTGGCAANCAAGCCTCAAATCCC
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003718 unedited
 ATGTATCGTGCCCAATTTANGATCGAGTTTTTTTTTTTTTTTTTCAAAAAAAGTTGT
 GTTTATTTTCTGAAATGAGCACAAAGTACACCTTTCACAATAACACTGAAAGCAGGTGC
 AAAGACTGACAGTGACCTTTGACTAAAGGTAGCTTTGTAAGAAAGAAAAATACCAATAAA
 TCAGTGCCTTTCTGATTGTTGTAAGTGGAGGTGGGAGGGGCTGTTTGTACATAAA
 AGTTGGTCCAACTTACAAAAAAGCACAAATGTGCATAGTTTCAAGATCTGCAAGAGG
 GCCATAAAAGGCTTATGCCCTAAAATTAGCATCCACTTAAAAGTCAAGAAATACAAAAT
 AAAATTGTTAACTAGAATTTGTGAAGATGTACAATCGATCTAGTTTTAGAACAGCATGA
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 TGAGTAATGTCTNCAATCCAGCTACTGAAGTGGGAAATGACTCANAAAGGCANAANNGC
 TGAGTGGACCACC

Restriction Sites:

NotI-NotI

ACCN:

NM_003718

Insert Size:	3500 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_003718.2</u> , <u>NP_003709.2</u>
RefSeq Size:	5246 bp
RefSeq ORF:	4539 bp
Locus ID:	8621
UniProt ID:	<u>Q14004</u>
Cytogenetics:	7p14.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	<p>The protein encoded by this gene is a member of the cyclin-dependent serine/threonine protein kinase family. Members of this family are well known for their essential roles as master switches in cell cycle control. The exact function of this protein has not yet been determined, but it may play a role in mRNA processing and may be involved in regulation of hematopoiesis. Alternatively spliced transcript variants have been described.[provided by RefSeq, Dec 2009]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>