

Product datasheet for **SC336151**

CDC2L6 (CDK19) (NM_001300963) Human Untagged Clone

Product data:

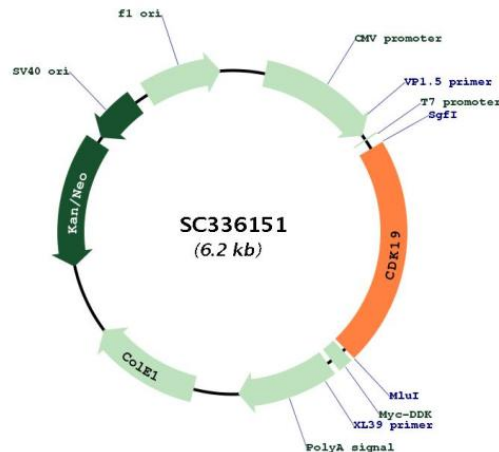
Product Type:	Expression Plasmids
Product Name:	CDC2L6 (CDK19) (NM_001300963) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDK19
Synonyms:	bA346C16.3; CDC2L6; CDK11; DEE87; EIEE87
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336151 representing NM_001300963. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001300963

Insert Size: 1329 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:

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_001300963.1](#)

RefSeq Size: 6062 bp

RefSeq ORF: 1329 bp

Locus ID: 23097

UniProt ID: [Q9BWU1](#)

Cytogenetics: 6q21

Protein Families: Druggable Genome, Protein Kinase

MW: 49.9 kDa

Gene Summary: This gene encodes a protein that is one of the components of the Mediator co-activator complex. The Mediator complex is a multi-protein complex required for transcriptional activation by DNA binding transcription factors of genes transcribed by RNA polymerase II. The protein encoded by this gene is similar to cyclin-dependent kinase 8 which can also be a component of the Mediator complex. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]
Transcript Variant: This variant (3) represents use of an alternate promoter and therefore differs in the 5' UTR and 5' coding region, compared to variant 1. These differences cause translation initiation at a downstream start codon and result in an isoform (3) with a shorter N-terminus, compared to isoform 1. Variants 3 and 4 encode the same isoform (3).