

Product datasheet for **SC322869**

KLLN (NM_001126049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLLN (NM_001126049) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLLN
Synonyms:	CWS4; KILLIN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322869 representing NM_001126049. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGATCGCCCGGGGCCAGGCTCCGCGCGCCCGGCCGGACCGTGCACGTTTGGGGTTACCGGGTTGAG
 TGGAAAGTACGGAACGGTAGGAAGCTGCAGCCAGCGAGTGGCGGGGCGAGGAGACCTAGGAGGGTTC
 AAAAGGAGGTGGAAGGATACACGGGCCACAGTCGGAACACTTTCCGAAGGAGGTACGTGTGTCCCTA
 GTTGGGGAACTTCCAAATCCCACTCCCACTGATAGCTCCGAGGCAAGTCGTCTTCTCCTTTGCT
 CGGGGTGCTCTTGCTTGGTGCAGGCAGCGGAACCCCAACCCTTCCTGCGCCGCGCGGAAACAGGGGCT
 CGGACCAGCCTCCGAAGGAGCGCTGTGCGGGCTGGCGCTTGGGGAAGTTACACAAGCACCCACAT
 CCAAACACGTGCCCCCGCTCCCGCCTGCTGGCTGCCGCCGATTCTTACAGAACGCGGGGAGAGAGTC
 CCCAAACTGGTGCCACTCCTCGCTGCTACCCTAAGAGCAAGCCAAGGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001126049
Insert Size:	537 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).


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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001126049.1</u>
RefSeq Size:	4277 bp
RefSeq ORF:	537 bp
Locus ID:	100144748
UniProt ID:	<u>B2CW77</u>
Cytogenetics:	10q23.31
MW:	20 kDa
Gene Summary:	The protein encoded by this intronless gene is found in the nucleus, where it can inhibit DNA synthesis and promote S phase arrest coupled to apoptosis. The expression of this DNA binding protein is upregulated by transcription factor p53. [provided by RefSeq, Dec 2012]