

Product datasheet for **SC330829**

LIN9 (NM_001270410) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIN9 (NM_001270410) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIN9
Synonyms:	BARA; BARPsv; Lin-9; TGS; TGS1; TGS2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330829 representing NM_001270410. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCTTTCAGAAATTCAAAACGAAGTCGACTTTTTCTGATGAAGATGATAGGCAAATAAATACAAGG
TCACCTAAAGAAACCAGAGGGTTGCAATGGTTCCACAGAAATTTACAGCAACAATGTCAACACCAGAT
AAGAAAGCTTCACAGAAGATTGGTTTTCGATTACGTAATCTGCTCAAGCTTCCTAAAGCACATAATGG
TGTATATACGAGTGGTTCTATTCAAATATAGATAAACCACTTTTTGAAGGTGATAATGACTTCTGTGA
TGTCTAAAGGAATCTTTTCCTAATTTGAAACAAGAAAGTTAACAAGAGTAGAATGGGAAAAATTCGG
CGGCTTATGGGAAAACCGGAGATGTTCTTCTGCATTTTTGAGGAAGAGAGATCAGCATTAAACAG
AAACGGCAGAAAATAAGGCTCTTACAACAAGGAAAGTTGCAGATGTTTCACAATTCAAAGATCTCCCA
GATGAAATTCCTTTCCTCTGGTTATTGGAACGAAAGTTACAGCACGATTACGTGGTGTTCATGATGGT
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GGGCTTGGAAACCATACCATCCCTGACTATGAAGTTCTCAGTAATGAACCTCATGAGACAATGCCAATT
GCTGCCTTTGGACAAAACAGCGCCTTCTCGATTTTTATGACCCACCACGGTTACATTATACTCCT
CCTCTCCAGTCACCAATTATAGATAATGATCCTTTATTAGGACAGTCGCCGTGGAGAAGTAAATTTCT
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GGGCTCCAGCCTGCAGATCAGCCAACAGATATGAGACGCAGGTGTGAGGAAGAAGCACAGGAAATGTT
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CTTACAGCTATTTTGTACAAATTAAGTGTCTAGCAGAAGGAGGAGACCTGAATTCCTTTGAATTCAAA
TCACTTACAGACTCATTAAATGATATCAAGAGTACAATAGACGCTTCTAATATCAGTTGCTTTCAGAA
AATGTAGAAATCCATGTTGCACATATTCAGAGTGGCCTGAGCCAGATGGGAAACTTACATGCCTTTGCA
GCAATAACACCAACAGAGACTGA
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001270410
Insert Size:	1473 bp


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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:	<u>NM_001270410.1</u>
RefSeq Size:	3073 bp
RefSeq ORF:	1473 bp
Locus ID:	286826
UniProt ID:	<u>Q5TKA1</u>
Cytogenetics:	1q42.12
Protein Families:	Druggable Genome
MW:	56.3 kDa
Gene Summary:	This gene encodes a tumor suppressor protein that inhibits DNA synthesis and oncogenic transformation through association with the retinoblastoma 1 protein. The encoded protein also interacts with a complex of other cell cycle regulators to repress cell cycle-dependent gene expression in non-dividing cells. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012] Transcript Variant: This variant (3) contains an alternate exon in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) is shorter than isoform 1.