

Product datasheet for **SC300636**

LIN28B (NM_001004317) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIN28B (NM_001004317) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIN28B
Synonyms:	CSDD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene ORF sequence for NM_001004317 edited</p> <p>ATGGCCGAAGCGGGCTAGCAAAGGTGGTGGAGAAGAGCCCGGAAGCTGCCGGAGCCG GCAGAGGAGGAATCCCAGGTTTTGCGCGGAAGTGGCCACTGTAAGTGGTTCAATGTGCGC ATGGGATTTGGATTTCATCTCCATGATAAACCGAGAGGGAAGCCCTTGGATATTCCAGTC GATGTATTTGTACACCAAGCAAATTCATGGAAGGATTTAGAAGCCTAAAAGAAGGA GAACCAAGTGAATTCACATTTAAAAATCTTCAAAGGCCTTGAGTCAATACGGGTAACA GGACCTGGTGGGAGCCCTGTTTAGGAAGTGAAAGAAGACCCAAAGGGAAGACACTACAG AAAAGAAAACCAAGGGAGATAGATGCTACAAGTGGTGGCCTTGATCATCATGCTAAG GAATGTAGTCTACCTCCTCAGCCAAAGAAGTGCCATTACTGTGAGCATCATGCACATG GTGGCAAAGTCCACATAAAAATGTTGCACAGCCACCCGCGAGTTCTCAGGGAAGACAG GAAGCAGAATCCCAGCCATGCACTTCAACTCTCCCTCGAGAAGTGGGAGCGGGCATGGC TGTACATCACCACGTTTCCTCAGGAGGCTAGGGCAGAGATCTCAGAACGGTCAGGCAGG TCACCTCAAGAAGCTTCCACGAAGTCATCTATAGCACCAGAAGAGCAAAGCAAAAAG GGGCCTTCAGTTCAAAAAGGAAAAAGACATAA</p>
Restriction Sites:	Please inquire
ACCN:	NM_001004317
Insert Size:	2900 bp



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OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001004317.2.
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:	NM_001004317.2 , NP_001004317.1
RefSeq Size:	5504 bp
RefSeq ORF:	753 bp
Locus ID:	389421
UniProt ID:	Q6ZN17
Cytogenetics:	6q16.3-q21
Gene Summary:	<p>The protein encoded by this gene belongs to the lin-28 family, which is characterized by the presence of a cold-shock domain and a pair of CCHC zinc finger domains. This gene is highly expressed in testis, fetal liver, placenta, and in primary human tumors and cancer cell lines. It is negatively regulated by microRNAs that target sites in the 3' UTR, and overexpression of this gene in primary tumors is linked to the repression of let-7 family of microRNAs and derepression of let-7 targets, which facilitates cellular transformation. [provided by RefSeq, Jun 2012]</p>