

Product datasheet for **SC336627**

LIN54 (NM_001288997) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: LIN54 (NM_001288997) Human Untagged Clone
Tag: Tag Free
Symbol: LIN54
Synonyms: CXCDC1; JC8.6; MIP120; TCX1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC336627 representing NM_001288997.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGGTGGTGCCAGCTGAGATTGCTAAGAAGCCTCGAACGCCAACCTCTGGTCCAGTAATCACGAAG
CTGATCTTTGCAAAACCAATTAATAGTAAAGCAGTTACAGGACAGACAACCTCAAGTTTCACCACCAGTC
ATTGCAGGTAGGGTTCTTTCACAGTCTACTCCCGAACTCCATCAAGACCATAACAATATCTGAAAGT
GGTGTATTGGATCAACTTTAAATTCTACAACACAGACACCAAAATAAAATAGCCATCTCACCTTTGAAA
TCGCCAAATAAGGCAGTGAAATCAACTGTGCAGACCATCACTGTTGGAGGAGTGAGCACATCACAGTTT
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AACACTCAGCCTCTTCAGCAAGCAAAGCCAGTGTTGTTAATACAACCCAGTGCGGATGTCAGTTCCA
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AACCTGCCACCAGGCACTGTCTGGCACCAGCTCCGGGAACAGGGAATGTGGGTTATGCAGTGCTTCCA
GCTCAGTATGTTACTCAGCTACAGCAGTCTTCATATGTATCAATAGCAAGCAACTCTACCTTTACTGGA
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GCAGAGCAGGCAGACAAGAAGGGGAAATCAAAGGCAGCAGCGGAACGGATGATACTTGAGGAATTCCGA
CGATGTTTGATGAGTGTCATCAACTCTGCAGGAAGGCCAAAAGTGACCCTTGTCATGAATTGCTAA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001288997


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Insert Size:	1587 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:	<u>NM_001288997.1</u>
RefSeq Size:	5217 bp
RefSeq ORF:	1587 bp
Locus ID:	132660
UniProt ID:	<u>Q6MZP7</u>
Cytogenetics:	4q21.22
MW:	56.3 kDa
Gene Summary:	LIN54 is a component of the LIN, or DREAM, complex, an essential regulator of cell cycle genes (Schmit et al., 2009 [PubMed 19725879]).[supplied by OMIM, Dec 2010] Transcript Variant: This variant (7) uses an alternate in-frame splice site in the 5' coding region, compared to variant 1. Variants 2, 3 and 7 encode the same isoform (b) which is shorter than isoform a.