

Product datasheet for **SC318924**

LIN54 (NM_001115008) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: LIN54

Synonyms: CXCDC1; JC8.6; MIP120; TCX1

Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001115008, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGTGGTGCCAGCTGAGATTGCTAAGAAGCCTCGAACGCCAACCTCTGGTCCAGTA
ATCACGAAGCTGATCTTTGCAAAACCAATTAATAGTAAAGCAGTTACAGGACAGACAACT
CAAGTTTCACCACCAGTCATTGCAGGTAGGGTTCTTTACAGTCTACTCCCGGAACCTCA
TCAAAGACCATAACAATATCTGAAAGTGGTGTATTGGATCAACTTTAAATTCTACAACA
CAGACACCAATAAAATAGCCATCTCACCTTTGAAATCGCCAAATAAGGCAGTGAAATCA
ACTGTGCAGACCATCACTGTTGGAGGAGTGAGCACATCACAGTTTAAGACAATTATTCT
CTGGCAACTGCTCCCAATGTCCAGCAGATTCAAGTGCCTGGAAGCAAGTTTCATTATGTC
CGACTTGTTACTGCCACATCAGCCAGTAGCTCAACCCAGCCAGTTAGTCAGAATCCCAGT
ACAAACACTCAGCCTCTTCAGCAAGCAAAGCCAGTGGTTGTTAATACAACCCAGTGCGG
ATGTCAAGTTCCAATTGTCTCAGCTCAGGCTGTCAAACAAGTTGTTCCAAAACCAATCAAT
CCAAGTTTCAAAAATAGTAAGTACTAGCCAGCCACAGCAACGGCTTATCATGCCTGCCACA
CCACTGCCACAGATCCAGCCCAACCTCACTAACCTGCCACCAGGCACTGTCCTGGCACCA
GCTCCGGGAACAGGGAATGTGGGTTATGCAGTGCTTCAGCTCAGTATGTTACTCAGCTA
CAGCAGTCTTCATATGTATCAATAGCAAGCAACTCTACCTTTACTGGAACATCTGGTATC
CAGACCCAGGCACGGCTTCCATTCAATGGCATAATCCCATCAGAGTCGGCCAGTCGGCCC
CGAAAGCCCTGTAATTGTACAAAATCACTGTGTTGAAATTGTATTGTGATTGCTTTGCA
AATGGTGAATTTTGCAACAACCTGCAATTGTTACTAATTGTTACAACAATTTGGAACATGAA
AATGAAAGGCAAAAAGCAATAAAGGCATGCCTTGACAGAAATCCAGAAGCCTTTAAGCCT
AAGATAGGGAAGGAAAGGAGGAGAATCTGATCGACGTCATAGCAAAGGGTGAATTGTC
AAACGATCAGGATGCTTAAAACTACTGTGAATGCTATGAGGCAAAAATATGTGTTCC
TCAATATGCAATGTATTGGCTGTAAGAATTTGAAGAAAGCCGGAAGGAAGACATTG
ATGCATTTGGCAGATGCAGCTGAAAGTAAGGGTACAGCAACAAACAGCAGCCAAGACGAAG
TTATCTCTCAAATTTAGACTTGCTTACTAGGCCAACACCAAGCTTTAAATAGTGGAGGC
GGAAAATTGCCATTTACATTTGTAAGTAAGGAAGTAGCTGAAGCCACATGTAATTGCCTC
CTTGCCAGGCAGAGCAGGCAGACAAGAAGGGAATCAAAGGCAGCAGCGAACGGATG
ATACTTGAGGAATTGGACGATGTTTGATGAGTGTCACTCTGCAGGAAAGGCAAAA
AGTGACCTTGTGCCATGAATTGC
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Restriction Sites: Please inquire

ACCN: NM_001115008



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).
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001115008.1 , NP_001108480.1
RefSeq Size:	5464 bp
RefSeq ORF:	1587 bp
Locus ID:	132660
UniProt ID:	Q6MZP7
Cytogenetics:	4q21.22
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 (3) 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.