

Product datasheet for **SC326251**

CDKN1A interacting zinc finger protein 1 (CIZ1) (NM_001131017) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDKN1A interacting zinc finger protein 1 (CIZ1) (NM_001131017) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDKN1A interacting zinc finger protein 1
Synonyms:	LSFR1; NP94; ZNF356
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001131017, the custom clone sequence may differ by one or more nucleotides

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ATGTTTCAGCCAGCAGCAGCAGCAGCTCCAGCAACAGCAGCAGCAGCTCCAGCAGTTA
CAGCAGCAGCAGCTCCAGCAGCAGCAATTGCAGCAGCAGCAGTACTGCAGCTCCAGCAG
CTGCTCCAGCAGTCCCCACCACAGGCCCGTTGCCATGGCTGTCAGCCGGGGGCTCCCC
CCGACAGCCACAGCAGCCGCTTCTGAATCTCCAGGGCACCAACTCAGCCTCCCTCCTC
AACGGCTCCATGCTGCAGAGAGCTTTGCTTTTACACAGATTGCAAGGACTGGACCAGTTT
GCAATGCCACCAGCCACGTATGACACTGCCGGTCTCACCATGCCACAGCAACACTGGGT
AACCTCCGAGGCTATGGCATGGCATCCCCAGGCCTCGCAGCCCCAGCCTCACACCCCCA
CAACTGGCCACTCCAATTTGCAACAGTTCTTTCCCCAGGCCACTCGCCAGTCCTTGCTG
GGACCTCCTCCTGTTGGGGTCCCCATGAACCTTCCCAGTTCAACCTTTCAGGACGGAAC
CCCCAGAAACAGGCCCGGACCTCCTCCTTACCACCCCCAATCGAAAGACAATGCCTGTG
GAAGACAAGTCAGACCCCCAGAGGGGTCTGAGGAAGCCGAGAGCCCCGGATGGACACA
CCAGAAGACCAAGATTTACCGCCTGCCAGAGGACATCGCCAAGAAAAACGCACTCCA
GCACCTGAGCCTGAGCCTTGAGGCGTCCGAGCTGCCAGCAAAGAGATTGAGGAGCTCA
GAAGAGCCACAGAGAAGGAACCTCCAGGGCAGTTACAGGTGAAGGCCAGCCGAGGCC
CGGATGACAGTACCGAAACAGACACAGACACCAGACCTGCTGCCTGAGGCCCTGGAAGCC
CAAGTGCTGCCACGATTCCAGCCACGGGTCTGCAGGTCCAGGCCAGGTGCAGTCACAG
ACTCAGCCCGGATACCATCCACAGACACCCAGGTGCAGCCAAAGCTGCAGAAGCAGGCG
CAAACACAGACCTCTCCAGAGCACTTAGTGCTGCAACAGAAGCAGGTGCAGCCACAGCTG
CAGCAGGAGGCAGAGCCACAGAAGCAGGTGCAGCCACAGTCCACACACAGGCACAGCCA
AGCGTCCAGCCACAGGAGCATCCTCCAGCGCAGGTGTCAGTACAGCCACCAGAGCAGACC
CATGAGCAGCCTCACACCCAGCCGAGGTGTCGTTGCTGGCTCCAGAGCAAACACCAATT
GTGGTTTATGTCTGCGGGCTGGAGATGCCACCTGATGCAGTAGAAGCTGGTGGAGGCATG
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TCGGCCTGTGGCCTAGATGTGGGAGAATGTGAAAACAGAGCGAGAGAGATGCCAGGGTA
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GCTACCAGCACTCCCTTAAGCAGGCCCTCCAGTTCTTCTGCTACATCTGCAAGGCCAGC
TGCTCCAGCCAGCAGGAGTTCCAGGACCACATGTCGGAGCCTCAGCACCAGCAGCGGCTA
GGGGAGATCCAGCACATGAGCCAAGCCTGCCTCCTGTCCCTGCTGCCCGTCCCCGGGAC
GTCTGGAGACAGAGGATGAGGAGCCTCCACCAAGGCGCTGGTGAACACCTGCCAGCTC
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TCCTTGCGACCCTTCTGCACCGTTTGAACCGCTACTTCAAACCCCTCGCAAGTTTGTG
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GAAATTGCTGGCCAAGATGAGGACCACTTACATTACAGTGGACGCTGTGGGTTGCTTCGAG
GGTGATGAAGAAGAGGAAGAGGATGATGAGGATGAAGAAGAGATCGAGGTTGAGGAGGAA
CTCTGCAAGCAGGTGAGGTCCAGAGATATATCCAGAGAGGAGTGAAGGGCTCGGAGACC
TACAGCCCCAATACTGCATATGGTGTGGACTTCTGGTGCCCGTATGGGCTATATCTGC
CGCATCTGCCACAAGTTCTATCACAGCAACTCAGGGGCACAGCTCTCCACTGCAAGTCC
CTGGGCCACTTTGAGAACCTGCAGAAATACAAGCGGCCAAGAACCCAGCCCCACCACC
CGACCTGTGAGCCGCGGTGCGCAATCAACGCCGGAACGCTTTGACAGCCCTGTTACC
TCCAGCGGCCGCCACCCTCCCAGCCAAACACCCAGGACAAAACACCCAGCAAGGTGACG
GCTCGACCCTCCCAGCCCCACTACCTCGGCGCTCAACCCGCCTCAAACC

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Restriction Sites: Please inquire
ACCN: NM_001131017

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:	<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_001131017.1</u> , <u>NP_001124489.1</u>
RefSeq Size:	2833 bp
RefSeq ORF:	2514 bp
Locus ID:	25792
UniProt ID:	<u>Q9ULV3</u>
Cytogenetics:	9q34.11
Gene Summary:	<p>The protein encoded by this gene is a zinc finger DNA binding protein that interacts with CIP1, part of a complex with cyclin E. The encoded protein may regulate the cellular localization of CIP1. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]</p> <p>Transcript Variant: This variant (3) has an alternate exon in place of the first exon, lacks an alternate in-frame exon, and lacks an alternate in-frame segment compared to variant 6. The resulting isoform (3) is shorter at the N-terminus and lacks two alternate internal segments compared to isoform 5.</p>