

Product datasheet for **SC335101**

CDIN1 (NM_001290233) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDIN1 (NM_001290233) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDIN1
Synonyms:	C15orf41; HH114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001290233, the custom clone sequence may differ by one or more nucleotides

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ATGATACTGACCAAAGCTCAGTACGACGAGATAGCCAGTGCCTAGTGTCTGTGCCGCTACCAGGCAGA
GCCTGAGGAAGCTGAAGCAGAGGTTTCCAGTCAATCGCAGGCCACTCTGCTGAGCATCTTCTCCAGGA
GTACCAGAAACACATTAAGAAGACACATGCCAAACATCATACTTCGGAAGCAATTGAAAGTTATTACCAG
AGGTACCTGAATGGAGTGGTAAAAATGGAGCTGCCCCAGTGCCTCTGGACCTGGCCAATGAGGTGGACT
ATGCGCCCTCATTAAATGGCTCGGCTTATACTGGAGAGGTTTCTACAGGAACACGAGGAACTCCACCCTC
CAAGTCTATTATAAATAGTATGCTACGGGACCCTTCTCAGATTCCAGATGGAGTTCTAGCAAATCAGGTC
TATCAGTGCATTGTGAACGACTGCTGTTACGGACCACTAGTGGACTGCATCAAGCATGCCATTGGTCATG
AGCATGAGGTCTGCTGAGAGACTTGCTTAGAGAAAAACCTGTCTTCTAGATGAAGATCAGCTTCG
TGCAAAGGGTTATGACAAAACACCAGACTTCATTTACAAGTACCAGTTGCTGTAGAAGGGCACATAATT
CACTGGATTGAAAGCAAAGCCTCATTTGGTGATGAATGTAGCCACCACGCCTACCTGCATGACCAGTTCT
GGAGCTACTGGAATAGAGATGGGATCTCACAATGTTTCTCAGGCTGGTGTGGAACCTCTGGGCTCAGCGA
TTCTTCTGCCTCAGCCACCCAAAGTGCTGGAATTACAGGAGCGAGGAAACATTTTCTACCAGGAATCTTT
ATGAAATGTGTTGTAAATAA
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001290233
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).



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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_001290233.1, NP_001277162.1</u>
RefSeq Size:	1281 bp
RefSeq ORF:	861 bp
Locus ID:	84529
UniProt ID:	<u>Q9Y2V0</u>
Cytogenetics:	15q14
Gene Summary:	<p>This gene encodes a protein with two predicted helix-turn-helix domains. Mutations in this gene were found in families with congenital dyserythropoietic anemia type Ib. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]</p> <p>Transcript Variant: This variant (4) lacks multiple 3' exons and contains an alternate 3' terminal exon, resulting in a different 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is longer than isoform 1.</p>