

## **Product datasheet for SC334254**

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## CDIN1 (NM\_001290232) Human Untagged Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** CDIN1 (NM\_001290232) Human Untagged Clone

Tag: Tag Free Symbol: CDIN1

Synonyms: C15orf41; HH114

Mammalian Cell

Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001290232

**Insert Size:** 550 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.

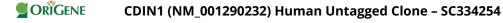
5. Store the suspended plasmid at -20  $^{\circ}$ C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001290232.1</u>, <u>NP 001277161.1</u>

**RefSeq Size:** 831 bp **RefSeq ORF:** 552 bp





**Locus ID:** 84529

UniProt ID: Q9Y2V0

Cytogenetics: 15q14

**Gene Summary:** 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 lb. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by

RefSeq, Mar 2014]

Transcript Variant: This variant (3) differs in the 5' and 3' UTRs, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus than isoform 1. Variants 2 and 3 encode the same isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript

alignments.