

Product datasheet for **SC215157**

Artemis (DCLRE1C) (NM_001033855) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Artemis (DCLRE1C) (NM_001033855) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCLRE1C
Synonyms:	A-SCID; DCLREC1C; RS-SCID; SCIDA; SNM1C
ACCN:	NM_001033855
Insert Size:	2000 bp



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Insert Sequence: >SC215157 3'UTR clone of NM_001033855
 The sequence shown below is from the reference sequence of NM_001033855. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAAGAAAATGCTCACTCTTAGATACCTAAGAATTCAAAGCGTTTCAACCTAGAGCAACCACTAAAAAA
CCTGCACAGAGATGACAGTCAATATTACAATAGAGAAAATACAGTACTTAAAAATGTTCAAATAACCTG
GTTGGGTGTGGTGGCTCACACTTGTAAATCCAGCACTTTGAGGTGGGCAATGGCTTGAGCCAGGAGTT
CGACACCAGCCTGGCCAACACAGTGAAATGTGTCTCTACTTACAAAAAAGCCCA
GGCATGGTGGTGGCTACTCTGGAGGCCCTTGAGGATCACTTGAGCCAGGAGATTGAGGCTGCAGTGA
GCCATGACTGTGCCACTGCACCTCTAGTCTGGGTGACAGAGCAAGACCCTGTTTAAAAAAGAAAAAGGC
CAGGCACGGTGGTGCCTGTAATCCCAGCTACGAGGAGGCCAAGGCAGGAGAACTACTTGAACCT
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CTGTCTCAAAAAAAGAAAAAAGAAAAAATGGTAGAACTAAACCCATACGTATCAATGAT
TACATTAATGTAATGGTCTAAGTGCATCAATGACAAGAGACACGGAAAAACCAACATAACCCAGTG
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CAACAAAGCAAGACCCCATCTCAAGAAAAATAATTAATAAACTAAAGTATATGTGTTATTCTGTGA
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ATCCGACCAAAAAGTATTGGATCCACCAGACTAACAGGGTAACAAGACTCAGAGTTAGTATACACATA
ACTATACACATTTGTATATTTCACTGTTAACTAAACTTAGTTTTAACAGTGTACCTTATGATCGAAA
GTGGTTGTTCAAAAAATGCCTGTAAACATTCCTCTGAATATATTCCTGTTATTTTATAATCACATTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001033855.3](#)

Summary: This gene encodes a nuclear protein that is involved in V(D)J recombination and DNA repair. The encoded protein has single-strand-specific 5'-3' exonuclease activity; it also exhibits endonuclease activity on 5' and 3' overhangs and hairpins. The protein also functions in the regulation of the cell cycle in response to DNA damage. Mutations in this gene can cause Athabaskan-type severe combined immunodeficiency (SCIDA) and Omenn syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Locus ID: 64421

MW: 76.4