

Product datasheet for **SC215155**

Artemis (DCLRE1C) (NM_001033858) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Artemis (DCLRE1C) (NM_001033858) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DCLRE1C
Synonyms:	A-SCID; DCLREC1C; RS-SCID; SCIDA; SNM1C
ACCN:	NM_001033858
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC215155 3'UTR clone of NM_001033858
 The sequence shown below is from the reference sequence of NM_001033858. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAAGAAAATGCTCACTCTTAGATACCTAAGAATTCAAAGCGTTTCAACCTAGAGCAACCACTAAAAAA
CCTGCACAGAGATGACAGTCAATATTACAATAGAGAAAATACAGTACTTAAAAATGTTCAAATAACCTG
GTTGGGTGTGGTGGCTCACACTTGTAAATCCCAGCACTTTGAGGTGGGCAATGGCTTGAGCCAGGAGTT
CGACACCAGCCTGGCCAACACAGTGAAATGTGTCTCTACTTACAAAAAAGCCAAAGCCAAAGCCAA
GGCATGGTGGTGGCTACTCTGGAGGCCCTTGAGGATCACTTGAGCCAGGAGATTGAGGCTGCAGTGA
GCCATGACTGTGCCACTGCACCTCTAGTCTGGGTGACAGAGCAAGACCCTGTTTAAAAAAGAAAAAGGC
CAGGCACGGTGGCTCATGCCTGTAATCCCAGCTACGCAGGAGGCCAAGGCAGGAGAATCACTTGAACCT
GGGAGGTGGTGGTGCAGTGAGCTGAGATTGTGTCATTGCACTCCAGCCTGGGCAACAAGAGCAAACT
CTGTCTCAAAAAAAGAAAAAAGAAAAAATGGTAGAACTAAACCCATACGTATCAATGAT
TACATTAATGTAATGGTCTAAGTGCATCAATGACAAGAGACACGGAAAAACCAACATAACCCAGTG
ATCTGCTGTCTATAAAGAAAGTCAATCAAGTGATTGATAGGTTAAAAGGATGAAAAACCATGTAAAC
AATTAATAATGGAGTGGTTATATGGACAGTTTCTAATGATAAAAGGCTAGTTCACCAAGAAGACAAA
ATAATCCTAAACGTATATGCACCTAACAGCTCCAAAAATTTATGAAGCTAGAACAGCTGAAAAGAGACA
AACTAATGCACAATTACAGCTAGGGATTAATTTAACATCCCTCCTTAGTAACAGAAGTATATACAC
ATTAATCAGTAAGAATATAGAAGTAAAAATCATAAGCCGACTGGATTAATTTGACATTTATAGAACACA
CCACCCAACTAGCAGAATGTATCTCCTGAAGTACACATGGAACATTCAGCATGATCATCTTTGCT
CATAAACACACCTGATTTAAATTGACAAACTTGGATCTAGTATGATAAACTGATGGCTATAGACAAAAT
CAGCACCTTATTTATCCCAAGATGTTAAGTCACTTAACCTTGATGTGAATACGGTGGCCAAATAGA
AGCGGACAATTAGAATATAAAGAAAAATGCTCAAGAAATTAATGGTGGCCAGGCACAGTAACTCCTGCC
TGCAATCCAGTACTTTGGGAGGCTCGCTTGAGCTCAGGGTTTTGAGTCCAGCCTGGGCAACACACAGG
GAGACCCTGTCTCCAAAAATGTTAGCCAGACATGGTGGTGTGCACCTGTAGTCTCGCTACTTGGAG
GCTTAGGTGGCAGGATGGATTGAGCCAGGAGGTTGAACTGCAGTGAGCTGATTGTGCCAGCCTGGG
CAACAAAGCAAGACCCCATCTCAAGAAAAATAATTAATAAACTAAAGTATATGTGTTATTCTGTGA
GTCATTCAACATCTTGAAGTCCATCAATGTGTTAGGCTTTTGTGTTATGTATGAGGATTTTAAACAG
TTTTAACAGATATTCAGGAACACTTAGTATTGTGACATTTATAGATTATGGAAGCAAAAGCAGAGAC
ACCACTTAAAACAATTTGCAGATCAGTTAACTAACACTTGATATGCATTATCATGATGCTGCATGGCA
ATCCGACCAAAAAGTATTGGATCCACCAGACTAACAGGGTAACAAGACTCAGAGTTAGTATACACATA
ACTATACACATTTGTATATTTCACTGTTAACTAAACTTAGTTTTAACAGTGTACCTTATGATCGAAA
GTGGTTGTTCAAAAAATGCCTGTAAACATTCCTCTGAATATATTCCTGTTATTTTATAATCACATTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
```

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_001033858.3](#)

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