

Product datasheet for **RN211097**

Dclre1c (NM_147145) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dclre1c (NM_147145) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dclre1c
Synonyms:	Snm1l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211097 representing NM_147145
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCCTTTCCAGGGACAGATGGAGGAATATCCAACCATCTCCATTGACCGCTTCGACAGAGAGAACC
 TGAAGCCCGTGCTACTTCCTTTGCGACTGCCACAAGGATCACATGAAAGGATTAAGGGCTCCTCCAT
 GAAAAGAAGGCTGGAATGCAATTTGAAGGTCTTCTGTACTGTTCTCCAGTCACTAAGGAGCTGCTCTTA
 ACCAGCCCAAAGTACAAGTTCTGGGAAAACCGAATTATAGCAATTGAAATTGAAACTCCTACCCAGGTAT
 CTTTAGTTGATGAGGCATCGGGTGAAGAAGAAAGTTGTTGTACTCTTACCAGCTGGTCACTGCC
 AGGTTCAAGTTATGTTTCTATTTCAAGGACAGTAAAGTGAAGTCTTATACACAGGAGACTTCAGACTGGCC
 AAAGGAGAAGTTCCAGAATGGAGCTTCTGCCTCTGGGGCAGAGTAAAAGACATCCAAAGTGTATATT
 TAGACACCACTTTCTGTGACCAAGGTTTTATCAAATTCAGTCTGAGGAGTCTTGAGGGCGTTCT
 GGAGCTGGTTCGGAGCTGGATCACGAGGAGTCCGAAGCACGTGCTGTGGTGAAGTGAAGGCCGCTAC
 GGTATAGTACTTATTCACCACTGAGTGGAGGAGTGGGAGTCCAGGTTTCAATGTGACAAAGTGGACA
 TGTTTAAAAACATGCCTGATATCCTGCACCATCTCACAACGGATCGAAACACCCAGATCCACGCCTGCCG
 CCACCCGAAGGCAGAAGAGTATTTTCAGTGAATAAGTTACCCTGTGGCATGGCTTCCAAAACTAAAAC
 GTACTCCACACAATCAGCATCAAGCCATCTACCATGTGGTTTGGAGAGAGGACCAGAAAAACAAAGTGA
 TTGTGAGAACCGGAGAGAGCTCATAAGAGCTTGTCTCTTTCCACTCCTCCTACAGTGAAGTAAAGA
 TTTTTTGAGCTACATCTGCCAGTGAATGCGTATCCAAATGTCTTCCGATCGGCCTCACTGTGGATAAG
 GTCATGGACTTTTTAAAGCCTCTGTGCCCTCTTCCCAATGTCTGAACCAAAGTACAAGCCCTCGGGA
 AACTGAAGAGAGCTAGAACAGTTCACCTGACTCAGAGGAAGATGATGATCTCTTTGATGACCTCTACT
 AACACATTCAAGGCGCAAAGTTCGGTACCAAGTAACTTTCACCTGAGGTATTTTCAATGAAGGACTA
 CCGCTAGATCAGCCTGAACTGGGACAAAGCCCGGATGCTGTAAGCAGAGAGTATGCCGAGTCTTCTT
 TGGCAACTTTGTGGACTGTGACGAGTCCAACAGTGAAGGAGAGTTAGAGACCCCGCTTCTCT
 GCAGGGAGGTCTCGGCCCAACAACACTCCACAGCAAAACGCTGATCCGGATGTGGATGTACCTCGGTG
 GAAGTATCTTCAAAGAAAAGATGAAATCACAGATGAATGTTTGGAAAACCTTACCTTCTCCATAGAGA
 CAGGGGGATCGCAGTACCAAAGCGTTTCAAGTACTCACCAGTGGGAGTACTCTGATGGAGAATC
 CACCCATATCTTCCCAGAATTCATCTCAGTCAACCCACATAACGGATCAAGGAAGCAAGGCTGGGAC
 AGCCAGTGTGATACCGTTTTGTTATCTTCCAAGAGAAAAGTGGTGGGGATAGCACCTCTTTGAACAAGG
 ATACCTACAAACCAAAACCAAGATAGTATTTCTGCCTCCCAAATAGAACAGAAATGCATTTGTCCACA
 GGATACTCACTGTGATTTGAAAAGCGGAGCTGAAGTAAATGGAGTCCCTTGTATTGAAGAACCAGACT
 GTGAGTGGCAGGAAATCTTACCTGAGAAAACATCGCTAACCCAGCACACAGGCAGACTCAGAGACTCCT
 CTGACTTTGAAATCCCCTCAACTCCAGAAGCTGAGCTTCCCAAGCCAGAGCATTTACAGTTCTTATATGG
 AAAGCTGGCAACAGGTGAGAGTATAGTGTGAAAAAGAAAATGTTCACTCCAGATATTTAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_147145

Insert Size: 2097 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:	<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:	NM_147145.2 , NP_671486.2
RefSeq Size:	2162 bp
RefSeq ORF:	2097 bp
Locus ID:	259171
UniProt ID:	Q5XIX3
Cytogenetics:	17q12.3
Gene Summary:	mouse homolog plays a role in non-homologous end joining DNA repair during VDJ recombination [RGD, Feb 2006]