

## Product datasheet for MC223275

### Dclre1a (NM\_018831) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dclre1a (NM_018831) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dclre1a
Synonyms:	2810043H12Rik; AU022226; mKIAA0086; Pso2; Smn1a; Smn1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223275 representing NM_018831 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACTCTGAATTCACCAAAGACTGGTGTACTCACAAAAATCATTGGCCATGTTAGAAGACACGT  
TTTGGGAAGAAGAAATCTGGGAATATAATCTAAAAGAAAGCCCAACCCGTACATCCAAATAATTGTTCT  
TGAAAAATTTTCAGAATCTGTTGAAAAATCAACAGATGGAAAACACCAGTCAAAGGAAATGAAAAAGG  
ACTTCAGAAAATCCAGGCAAGACGAAGGACCACAAAGTGTGCCTTGACAGAAACAGACAGTCAGATTTCTG  
CAGGTTCCAGTCAGAGTTCGAGCTGTAGAGATGAGAGTCAGCAGTCTCAAACAAAGAGACAACACCGAA  
AAAGCAACATAGAACTCGCAGAGGGAAGCAAGTGACCCCGAAGGTGCGCCCTGTTTATGATGGATACTGC  
CCAAGCTGCCAGATGCCCTTCTCCTCATTGCTGGGTGACAGCAGCCAGTGGCATGTTTGTAGTGTGGT  
ATTCTCCACCTATCTCTGACACAGAATGTCCCAGGGTTTGTATGTAATCCACAATTCCTTCCCATTA  
TAAGAAATACACTCACATCTCTGCTCGCTCAAAGTCGAGATAGCAAGGAGCCTCTGGGCAGCCCTCGGAT  
GCATTGGCTGGGCTGTTTGTGTCAGCAGCGCCAGGTTCTCCTTGTAACTTGAGGAAAGACGCTCTATGA  
CTCTGAAAAGTGAAGCTTAAGAAAAGTCTCAGATCACTCTTGTGATGATGCAGTATCTAGAAACATC  
TCAGCCTTCAGCTGAAATCAACAGGAAGAATGTCTCTCCCATGTTCTCAAACATCGCCAGTTCACAG  
TGTGCAGAGTTCGTCAGAGAGACCAGTGGTGGGAGGTGGATCGCCTCTTGTGAGGTTGCATTAACA  
GCCAAAGCAAGTCAGGGAGTATGGGTTTGCCATTGCCAGAAAATGACACTGACAGCTGTGAGATCTCTTA  
TTCTCCGCTGCACAGTGTGAAGAGACTTACGACATAGACCAAGAGCTGGATGATTCACAGCAGGAACATA  
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TGCACCGAGTGAAGGCAGTACACTAAGTACTCTTTTCTGCTTCTTCTACACCTCGAACAGGCTTTCC  
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TCAGAACAGAAAATTGAAACATCAGCTGTTGGCAATCAGACTTCTGCGGTTACTTACAAGAGCCAGG



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TCAAAGCCAATTGAAAAGGAGGGAGGCAAGTGTCTGCCTTTGCATCCAACCCAAAGTCAGACCAGAGGAT  
 CACCGCGCAAGGGCTTGGGTGCTCCAGGGGCTAACTGTGCCTGCAGGAATGCACAGAAGCGCTCTAGCAT  
 GCCTCTTGACAAGCCCTTGGGCACATCGCCTTCCAGTCCCAAGTGCAGCCGAGCCAACCGTCTAAGAAA  
 GTAATGAAGCAATGGATATAGGCGTGTTTTTGGACTACCACCCAAAAGACAAGAGACGTCAGTGGGG  
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 GAGGAAAGCCAGAGCTCTGTAGTGCCTTAGAGTTTGTGCAAGAATTTAAATGAGAGTCAGCACTCT  
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 TTCAGTACGGTGAGATCGAAGGCTGCACCGCTACTTCTCACACATTTCCATTCTGATCATTACGCCGG  
 GTTGTCCAAGGACTTCACAAGGCCAGTCTATTGCAGCGAGATAACAGGCAATCTGTTGAAGAAGAAGCTT  
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 TTTTGCTGGATGCCAATCACTGTCCAGGTGCTACCATGATCCTTTCCAGCTTCCAACGGTGTGTGCAT  
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 AACTGTTCTGGATACCACATACTGCAGCCAGAATATACCTTCCCGTCACAGCAGGAGGTTATCCAGT  
 TTGCCATCAACACTGCCTTTGAGGCTGTAACCTAAACCCACGTGCCCTTGTGTCTGTGGCACTTACTG  
 CATCGAAAGGAGAAAGTCTTCCAGCCATTGCCGATGTTTTAGGTTCAAAGGTGGGCATGTCCCAAGAA  
 AAGTATAAAACTTTGCAGTGCCTCAATATACCAGAAGTCAGTTCCCTCATAACCACAGACATGTGCGACT  
 CTTTGGTTCACCTCCTCCAATGATGCAAAATAATTTAAGGGTTTGCAGAGCCATTTGAAGAAGTGTGG  
 TGGGAAATACGATCAGATTTTGGCGTCCGACCCACAGGATGGACACACTTAACAACATAACTAGCACA  
 GCGGATATTATCCCCAGACAAGAGGAAATATATCGATATATGGGATTCCTACAGTGAACACAGCAGCT  
 ACTTAGAAATGAAGCGTTTTGTCCAGTGGCTGAAGCCACAGAAAATCATCCCCACTGTCAATGTCCGCAG  
 CTTTCGGTCTAGGAACACGATGGAGAAACTTTAAGGAGTGGAGACTGGAAGCCGGATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_018831
- Insert Size:** 3144 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°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** NM\_018831.4, NP\_061301.3
- RefSeq Size:** 4074 bp

RefSeq ORF: 3144 bp

Locus ID: 55947

Cytogenetics: 19 D2