

Product datasheet for **MC203692**

C1d (NM_020558) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1d (NM_020558) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C1d
Synonyms:	1110036E10Rik; AI875855; SUN-CoR
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC005436
 GACCTATTTCCCGGAGACAGGCGTCCACGGTATTGAGTTGGTCACAATGGCAGGTGAAGAAATGAATGAA
 GATTATCCCGTAGAAATTCACGAGTCTTTAACAGCCCTGGAGAGCTCCCTGGGTGCTGTGGATGACATGC
 TGAAGACCATGATGGCTGTTTCTAGAAATGAGTTGTTGCAGAAGTTGGACCCATTGGAACAAGCAAAGGT
 GGATTTAGTTTCTGCATACACCTTAAATCAATGTTTTGGGTTTATTTGGCAACTCAAGGAGTTAATCCC
 AAAGAGCATCCAGTGAAGCAGGAACTGGAAGAATCAGAGTCTACATGAACAGAGTTAAAGAAATAACAG
 ACAAGAAGAAGGCTGCCAAGCTGGACAGAGGTGCTGCTTCGAGATTTGTCAAGAACGCACCTCTGGGAACC
 CAAAGCAAAAAGCACACCAAAAAGTGGCTAATAAAGGGAAAAGCAAACACTAATCTTTTGGTTTTGATGTA
 CATGTTTTCAAAAAGTACATCCTTTTTAATCAGTTTACAATGTAGTTATGTGACCATGTGGTGTAAAAT
 GGATTCCTTTTGAATTCATGTATAAAATTACACATTACATTTGTGATACTGAATCTTTTTTTTGTGAG
 AAAGATTAAGTTGCTTTTGTGATTTTTCATATAAAGCATCATGATGTGTTAATATTGTAAGATATTCTA
 TAAGCAGTTGTGAAATCCAAATGTTCTCTGTAAACATTTGTAGTGTGAAATGAACAATGATATTATGA
 AGTGTGCTATCTGTAGACTGGAGGTGAAGGACATTTGTTTTAGTAATGATGAGAAATACAGTGACTTA
 AATACCCACTCTGTTTTCTGTTCAAGTATTCAACATGTTTCTGTGATTTTTTTTTTTTGGAGTAATTGC
 TGTCTTGATATCAAAGTACAAAATTGAAACCTTAAGGCTGTACTTTAATCTTCATGTTCCATTTAAAA
 TAAAATGTTCTCATTAACTCTGATGGAAAACACGGTTGTATGTCTGACTGGCTTTGGCTTGATTCCCTT
 TTAATAAGTATGGTAGCTGGGTAGCTCACATGCTTCTGTGCTCCACTGCGTGAGTGAACAAGCCCTCCA
 GATGAGGCAGTGTGAGCAGCTCCACCCGGTAGAGAAGGCTGATGAGTCATGGCGGCTCTCTGTTCTCTTG
 GTCTCACTCTTAGAATCTTTCTGACTAAGTATTTCTTAAGCCATGTGGATGTTTTGAAATATCTTCTTTA
 TAAAATACTGCCCTTAGGCACAGGAGGAATCAAATTATATTTACATTCTGATTTATTTTCCAGGGTGT
 TCGTTATGATGAATCTACTTATTAATGTCTGAGCTCATATAACCTTGTCTCTAGGCGCACACAGTCA
 TGTGTAGAAGTGCCAAGGATAGCTAAGGTTTTTTTTTGTGTTGTTCTTGGAAATTAGAGTTGTAGAAATT
 GTCTGTGACTAACTTTAATATATGAATTTCTTGATTAGGTAGCGGATAGTGAAGTGTGAGTGTGAAATT
 GATGGACTTTGTAAAGCATGCTAAAATCTGATTCATAAACAGTAAGTCAATAGATGCAGAAAGTCTCAGC
 TCTGATATCAGATACTTTGTGATGTGAAAGAACATTTATGAGCATTTGTAGTTATTTCACTCTGGGCCAT
 TTTAATCTCTGATAATAGTGAAGTAACTTCATTAGAGAAAATAAGTGCTTTATGAAGATAACTGTAGAA
 TGCATTTTTAATGTTATTCGCTGCAAAAGAACTTGGGTCTGTATTTCTTTTTAAATTTCAAAAAGAAAA
 GAGCTTTAATGGAAATTTTCACAATTGCAGAAAATAATTAACCAAGGATTTGTGAACCCAGCCTAT
 GTCCACCGAATTGGATATCTTTAACGAGTCTCTCAGCATGCGTTTGTAGAAAATAAATATTTTAAAGTC
 TGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_020558

Insert Size: 426 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: [BC005436](#), [AAH05436](#)

RefSeq Size: 2000 bp

RefSeq ORF: 426 bp

Locus ID: 57316

UniProt ID: [O35473](#)

Cytogenetics: 11 A2

Gene Summary: Plays a role in the recruitment of the RNA exosome complex to pre-rRNA to mediate the 3'-5' end processing of the 5.8S rRNA; this function may include MPHOSPH6. Can activate PRKDC not only in the presence of linear DNA but also in the presence of supercoiled DNA. Can induce apoptosis in a p53/TP53 dependent manner. May regulate the TRAX/TSN complex formation. Potentiates transcriptional repression by NR1D1 and THRB (By similarity). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the shorter transcript. Both variants 1 and 2 encode the same protein.