

Product datasheet for MC207728

Ccdc94 (NM_028381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc94 (NM_028381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc94
Synonyms:	2900016D05Rik; AI413813
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207728 representing NM_028381 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGAAACGGAAAGTTTTAAACAAATACTACCCACCTGACTTTGACCCATCGAAGATCCCGAACTCA
AGCTACCCAAGGACCGGCAGTATGTGGTGCCTGATGGCCCCCTTCAACATGAGGTGTAAGACGTGTGG
AGAATACATCTACAAGGGGAAGAAGTTCAATGCACGAAAGGAAACAGTCCAGAACGAGGCTTACCTGGC
CTGCCAATCTTCCGATTCTACATCAAGTGCACGCGCTGCTTGCCGAGATCACCTTCAAGACGGACCCAG
AGAACACGGACTACACCATGGAGCACGGGGCCACGCGCAACTTCCAGGCGGAGAAGCTTCTGGAGGAGGA
GGAGAAGCGCGTGCAGAAGGAGCGAGAGGATGAGGAACTGAACAACCCCATGAAGTCTAGAGAACCGG
ACGAAGGACTCCAAGCTGGAGATGGAAGTGTGGAAAACCTGCAAGAGCTGAAAGACCTGAACAGCGGC
AGGCGCATGTGGACTTTGAGGCCATGCTGCGGCAGCACCGCATGTCTCAGGAGCAGTGGCAGCAGCAGCA
GGAGGAGGAAGACGAGCGGGAGACAGCGCCCTTGTGGAGGAGGCTCGCCATCGAAGGCTTCTGGAGGAC
TCTGAGTCAGAGGATGAGGCGCCACCTCCCGACCAGGGCAGCTGCAAGACCAACCCACAGCCATCC
TCAACGAGGTACCGCAGACCAAGAGGAAGGCAGAGGCCCTGTGCAGTAAAGCACAGTTGGCAGGCTTAGT
TGTACCAAAGAAGGTAAGACAGAAGCCAACGGCGCCTCAGAGCAGGTGCGGGTGCCACCGCCGAGGT
GCCCCCAAGAGCAGGAAGGCGGACAACCCACACCCAGACACCTGGCACGTCTCCCTGAGCCAGCTGG
GTGCATATGGGGACAGCGAGGACAGCGACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_028381



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Insert Size:	945 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_028381.3 , NP_082657.1
RefSeq Size:	1324 bp
RefSeq ORF:	945 bp
Locus ID:	72886
UniProt ID:	Q9D6J3
Cytogenetics:	17 D
Gene Summary:	Part of the spliceosome which catalyzes two sequential transesterification reactions, first the excision of the non-coding intron from pre-mRNA and then the ligation of the coding exons to form the mature mRNA. Plays a role in stabilizing the structure of the spliceosome catalytic core and docking of the branch helix into the active site, producing 5'-exon and lariat intron-3'-intermediates. May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex.[UniProtKB/Swiss-Prot Function]