

## Product datasheet for **MC206145**

### **Ccdc134 (BC072586) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccdc134 (BC072586) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ccdc134
Synonyms:	2310042L06Rik; AW208859
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC072586  
 CGCCTTGCAGAGTTGGGTGCTTCCGGCTGCTCGCCAAGGGGCTGCTCCCTTCTCCCTGCACCGCCGGCC  
 GGGCTCCAGAATCTCAGATATGGACCTTCTTCAAGTTCTTGGCAGCCTTCTCTGTCCCTCTGTGGCCTGGC  
 ACGGAAGTCACAGGCGCCTGAAGAGCACTCTGGACCCGAGCCTCAAGATTTACAAGAAGATGTTTGAGG  
 TGAAGCGGCGAGAGCAGCTGTTGGCACTGAAGAACCTGGCGCAGCTGAATGACATCCACCAGCAGTACAA  
 GATCCTGGATGTCATGCTTAAGGGACTCTCAAGGTGCTGGAGGACTCCCGCACAGTGTCTATTGTTGCC  
 GATGTGCTTCCAGACGGGCCGGTCCCCAGGATGAGAAGCTGAAGGATGCTTTCTCGCACAGTGGTGGAGA  
 ACACAGCCTTTTTTGGTGACGTCGTGCTGCGCTTCCCAAAGATTGTCCACCCTACTTTGACCATAATTC  
 CAACTGGAACCTCCTGATCCGCTGGGGCATCAGCTTCTGCAACCAGACAGGCGTCTTTGACCAGGGGCC  
 CACTCACCATCCTCAGCCTGATGGCCAGGAGCTGGGGTCACTGAGAAAGATTCTGACTTCCGGAACC  
 CGTTTAAACAGACCAGACAGAGTTTATTCTAGCACCGACCCTTCCAGAAGGCTTTGAGGGAAGAAGA  
 AAAACGCCGAAGAAGGAGGAGAGGCGGAAGGAGATCCGAAAGGCCGAGGATTTCAAGATCCCAGTCT  
 GAGTTGTAGCCCTGGACCAGCTAGGGCCCTAAGGAATCAGCAATGGCCAGTCAGAAGAGGCAGCAACTGT  
 GTGGCTGTGGAATAGGCCAGCAAGCACCTTGCTGAGCACCAGCCACTTCTGATGGAACTGTTTGCTG  
 CGCCCTCAGAAGCCAGGTTGAGCTCTGGCCAAAAGACTGAGCTTCCAGGGTCTTGACGACACCACAG  
 AAAGGACTGCTCGGCAGACAGGATCATGCAGGGAAGCTGCGGGAGGAGGCTGGCTGAAGGAACCTCTG  
 GCCTGGATCCCCTTGGTGAAGGCTGATGCTTGCAGCCAGTCTCACTGTTCCTGGGCTGCCTGCTACTGGT  
 CCAGCTCTCTGCAGAACAGTACTAAAAGCTAGCAAATCCACTGGCCTCCCCAGGCTGGTGAAGGAAATG  
 TAAGGGGCGAGCAAGTCTGTCAGATGTCAGGACCAGCCTGGAGAACGTTTCTGCCTCGGAAAGAGGGA  
 GTCCCTGGCTCTGCAGTGCAGAGAAGCAAGAGCTAGGCTTAGGTCTCTCTCTCTCTCTCTCACTCACT  
 GCTGCCCTCATGACAGGCCAGTTTCCAGAGGGGACTCAGAAGTGTCTGAGAGGGTGTATTATTTCAAGG  
 GACCTTAAAAGAACATGATCTCTATTCTCAGATAACTGGGGACAGTCATTGAGCTGGTTCAGGGGACAA  
 TCAACTTGTCTCTCTGCTGCTAAAAGATCCTGTCTATGGGGACAGGTTGCAGGAGGCTGTGCTTTGTG  
 ATGGGATACTGTAGCTGGATTGACTAGACAGTGGCTCAGAGTCCCGTGGCCACAGAGCAGGAGGCTACAG  
 AGCAGGAAGCTATGCAAGGAGTTAGGCCTCAGAAGGCAGCCTGGTTTCTATGAGTCTCAAGGCAGGTGG  
 CTGCCCTGGTTCTATTGAAATTACAGCTCCACCTCTTTGATCTTGCCAAGCCAAAATGTATCGCTTATAG  
 GAGTGGAGACACCCAGCCGACCTCTACCTTCAAGTGCAGGTGTGCTAACAGTGTCAATTGAGACCT  
 GAGTCTTAGCCTGACCTGTCTTCTTCTCTTCCCTGTGCTGTGCCTTATTGGTAAAATAAATTTGA  
 TGGTGTCTGAATCCTCTGACAAGCTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Ascl-NotI

**ACCN:** BC072586

**Insert Size:** 690 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:	<a href="#">BC072586</a> , <a href="#">AAH72586</a>
RefSeq Size:	2017 bp
RefSeq ORF:	690 bp
Locus ID:	76457
Cytogenetics:	15 E1
Gene Summary:	In extracellular secreted form, promotes proliferation and activation of CD8(+) T cells, suggesting a cytokine-like function. Enhances cytotoxic anti-tumor activity of CD8(+) T cells. May inhibit ERK and JNK signaling activity. May suppress cell migration and invasion activity, via its effects on ERK and JNK signaling.[UniProtKB/Swiss-Prot Function]