

Product datasheet for **RN208222**

Ccdc134 (NM_001024355) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc134 (NM_001024355) Rat Untagged Clone
Tag: Tag Free
Symbol: Ccdc134
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208222 representing NM_001024355
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCTGCTTCAGTCCTTGGCAGTCTTCTTTGCTGCTGTTGCCTGGCACAGAAGTCACAGGCACCC
TGAAGAGCACTCTGGACCCAGCCTCAAATTTACAAGAAGATGTTTGAGGTGAAGCGTCGAGAGCAGCT
GTTGGCGCTGAAGAATCTGGCTCAGCTGAACGACATCCACCAGCAGTACAAGATCCTCGATGTCATGCTT
AAGGGACTCTTTAAGGTGCTGGAGGACTCCCGGACAGTGCTCATTGCTGCCGATGTGCTCCAGACGGGC
CCCTCCCCAGGACGAGAAGCTGAAGGATGCTTCTCCCATGTGGTGGAGAACACAGCCTTCTTTGGTGA
TGTGGTGTGCGCTTCCGAAGATTGTACACCACTACTTTGACCATAATTCCAACTGGAACCTGCTTATT
CGCTGGGGCATCAGCTTCTGCAATCAGACAGGTGTCTTTGACCAGGGGCCCACTCACCCGTCTCAGCC
TGATGGCCAGGAGCTGGGGATCACTGAGAAGGATTCTGACTTCCAGAACCCATTTACAATAGACCCGGAC
CGAGTTTATTCTAGCACTGACCCTTCCAGAAGGCTTTGAGGGAAGAAGAAAAACGCCGAAGAAGGAG
GAGAAGCGAAAGAGATCCGAAAGGCCAAGAATTTCAAGATCCAGTCTGAGTT**GAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024355
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).



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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:	<u>NM_001024355.1</u> , <u>NP_001019526.1</u>
RefSeq Size:	1583 bp
RefSeq ORF:	690 bp
Locus ID:	500909
UniProt ID:	<u>Q5M862</u>
Cytogenetics:	7q34
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]