

Product datasheet for **SC122973**

CCDC134 (NM_024821) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC134 (NM_024821) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC134
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_024821 edited</p> <pre> CTGTTGGACCTTCGAGCCTAGCTGCTCGCACAGGACTCGGCCACCTGCCCTTCTGCACC GACTGGCCAGCTCAAGAGGTTTGGATATGGACCTTCTTCAATTCCTGGCCTTCTCTTTG TCCTGCTTTTGTCTGGGATGGGAGCCACAGGCACCTTGAGGACCTCCCTGGACCCAAGCC TGGAGATCTACAAGAAGATGTTTGGAGTGAAGCGCGGGAGCAGCTGTTGGCACTGAAGA ACCTGGCAGCTGAACGACATCCACCAGCAGTACAAGATCCTTGATGTCATGCTCAAGG GGCTCTTTAAGGTGCTGGAGGACTCCCGGACAGTGCTCACCGTCTGATGTGCTCCAG ATGGGCCCTTCCCCAGGACGAGAAGCTGAAGGATGCTTCTCCACGTGGTGGAGAACA CGGCCTTCTTCGGCGATGTGGTCTGCGCTTCCCGAGGATTGTGCACTATTACTTTGACC ACAACCTCAACTGGAACCTCCTCATCCGCTGGGGTATCAGTTTCTGCAACCAGACAGGCG TCTTCAACCAGGGGCCCACTCGCCATCCTCAGCCTGATGGCCAGGAGCTGGGGATCA GTGAGAAAGACTCCAACCTCCAGAACCATTAAATCGACCGCACAGAGTTCATCCCA GCACTGACCCTTCCAGAAGGCCCTGAGAGAAGAAGAGAAACGCCGAAAGAAAGAGGAGA AGCGGAAGGAGATCCGAAAAGGCCCAAGGATCTCCAGATCCCAGTCTGAGTTATAGCCCT GGAGCAGCTCAGGGCTCAGGGGGCCACAAGGAGGCAGGTCGGGAGGAAGAAGAGGTGGAG GTGTGGTTGTGGTGGAGAGCACCAGCTAGCCCCTTCCAGAAGGGGAGGCCACATTTGCC GGCCCCCTGGAGCTGGGTCTGAGCCCCAGCTGAAGGGACTGAGCCTCAGATGGCTGGATT TTCTCTCAGGGGCTCCTGCTGAAGGGGCTTCCAGAGATTTTATGCTGGAATATGACC CTGTGCAGACTGCTGGGGAGGCAGGAGGATGCCTGCCTGGACCCTGTTGGTGGCTGAAG ACCTCTGGCCAGCTGGCTTCCGCCCTTGGTGGGAAGCAGCAGAACTAGGTTCTGAGCCA CGGGTCAGGGTGGCACCCCTGCTGCTGGCCCCACTGTGTCACAGAGCTGCCTGGCACAGGT CCCAGCCCCTCTGAGAGACACAATAAAAGCCAGCAGACCCTTTAAAAAAAAAAAAAAAAAA AAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_024821 unedited AGAGTCANTATATTTGTATACGACTCACTATAGGCGGCCGCGATTCCCGGGATATCGTCCG ACCCACGCGTCCGCGGACGCGTGGGCTGTTGGACCTTCGAGCCTAGCTGCTCGCACAGGA CTCGGCCACCTGCCCTTCTGACCCGACTGGCCAGCTCAAGAGGTTTGGATATGGACCTT CTTCAATTCTGGCCTTCTCTTTGTCTGCTTTTGTCTGGGATGGGAGCCACAGGCACC TTGAGGACCTCCCTGGACCAAGCCTGGAGATCTACAAGAAGATGTTTGAGGTGAAGCGG CGGGAGCAGCTGTTGGCACTGAAGAACCCTGGCACAGCTGAACGACATCCACCAGCAGTAC AAGATCCTTGATGTCATGCTCAAGGGGCTCTTTAAGGTGCTGGAGGACTCCCGGACAGTG CTCACCGCTGCTGATGTGCTCCCAGATGGGCCCTTCCCCCAGGACGAGAAGCTGAAGGAT GCTTTCTCCACGTGGTGGAGAACACGGCCTTCTTCGGCGATGTGGTGTGCGCTTCCCG AGGATTGTGCACTATTACTTTGACCACAACCTCCAACCTGGAACCTCCTCATCCGCTGGGGT ATCAGTTTCTGCAACCAGACAGGCCGTCTTCAACCCAGGGGCCCACTCGCCCATCTCA ACCTGATGGCCCAGGAGCTGGGGATCAGTGAGAAAGACTCCAACCTCCAGAAACCCATTT AAATTCGACCGCACAGAGTTCATTCCCAGCACTGACCCCTTTCCAAAGGCCCTGAGAGAA GAAAAAAACGCCAAGGAAAGAGAAAACCGGAAGGAGAATCCAAAAGGCCCAAGGTC CTCCCATACCCATCTGAGTTATACCCTGGGGCAGCTTAGGGCTCAGGGGGCCACATGGA GCAGGTCCGGGAG
Restriction Sites:	Please inquire
ACCN:	NM_024821
Insert Size:	1308 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_024821.2 , NP_079097.1
RefSeq Size:	1279 bp
RefSeq ORF:	690 bp
Locus ID:	79879
UniProt ID:	Q9H6E4
Cytogenetics:	22q13.2
Protein Families:	Secreted Protein

Gene Summary:

In extracellular secreted form, promotes proliferation and activation of CD8(+) T cells, suggesting a cytokine-like function (PubMed:25125657). Enhances cytotoxic anti-tumor activity of CD8(+) T cells (PubMed:25125657). May inhibit ERK and JNK signaling activity (PubMed:18087676, PubMed:23070808). May suppress cell migration and invasion activity, via its effects on ERK and JNK signaling (PubMed:23070808).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).