

Product datasheet for RC204377L3

OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

CCDC134 (NM_024821) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CCDC134 (NM_024821) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: CCDC134 **Mammalian Cell**

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide

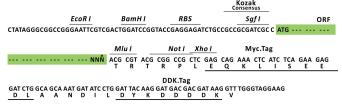
The ORF insert of this clone is exactly the same as(RC204377).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_024821

ORF Size: 687 bp



CCDC134 (NM_024821) Human Tagged Lenti ORF Clone - RC204377L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

22q13.2

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 024821.2</u>

 RefSeq Size:
 1279 bp

 RefSeq ORF:
 690 bp

 Locus ID:
 79879

 UniProt ID:
 Q9H6E4

Protein Families: Secreted Protein

MW: 26.6 kDa

Cytogenetics:

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 [NK signaling (PubMed:23070808).[UniProtKB/Swiss-Prot Function]