

Product datasheet for RC211914L3

ZNF274 (NM_133502) Human Tagged Lenti ORF Clone

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Product data:

Product Type: Expression Plasmids

Product Name: ZNF274 (NM_133502) Human Tagged Lenti ORF Clone

Tag: Myc-DDK Symbol: ZNF274

Synonyms: HFB101; ZF2; ZKSCAN19; ZSCAN51

Mammalian Cell Puromycin

Selection:

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

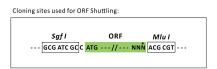
E. coli Selection: Chloramphenicol (34 ug/mL)

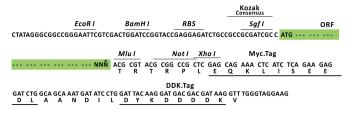
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211914).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_133502

ORF Size: 1959 bp





ZNF274 (NM_133502) Human Tagged Lenti ORF Clone - RC211914L3

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.

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 133502.1</u>

 RefSeq Size:
 2890 bp

 RefSeq ORF:
 1962 bp

 Locus ID:
 10782

 UniProt ID:
 Q96GC6

Cytogenetics: 19q13.43

Domains: KRAB, LER, zf-C2H2

Protein Families: Transcription Factors

Protein Pathways: Neurotrophin signaling pathway

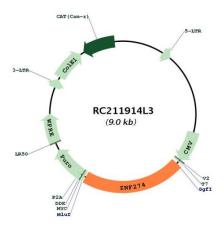
MW: 74.2 kDa

Gene Summary: This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or

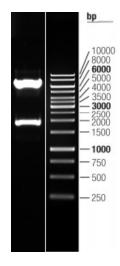
two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC211914L3



Double digestion of RC211914L3 using Sgfl and Mlul