

Product datasheet for RC200613L4

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OriGene Technologies, Inc.

ZNF24 (NM_006965) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ZNF24 (NM_006965) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: ZNF24

Synonyms: KOX17; RSG-A; Zfp191; ZNF191; ZSCAN3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC200613).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_006965

ORF Size: 1104 bp





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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 006965.1</u>

RefSeq Size: 6311 bp RefSeq ORF: 1107 bp Locus ID: 7572

 UniProt ID:
 P17028

 Cytogenetics:
 18q12.2

Domains: LER, zf-C2H2

Protein Families: Transcription Factors

MW: 42.1 kDa

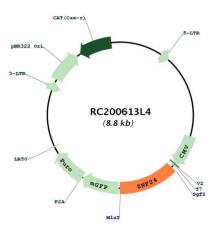
Gene Summary: Transcription factor required for myelination of differentiated oligodendrocytes. Required for

the conversion of oligodendrocytes from the premyelinating to the myelinating state. In the developing central nervous system (CNS), involved in the maintenance in the progenitor stage by promoting the cell cycle. Specifically binds to the 5'-TCAT-3' DNA sequence (By similarity).

Has transcription repressor activity in vitro.[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC200613L4