

Product datasheet for RC211424L3

OriGene Technologies, Inc.

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LHX9 (NM_001014434) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LHX9 (NM_001014434) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Mammalian Cell Puromycin

Selection:

Symbol:

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

LHX9

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

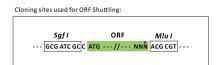
ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC211424).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001014434

ORF Size: 1164 bp



LHX9 (NM_001014434) Human Tagged Lenti ORF Clone - RC211424L3

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 001014434.1</u>, <u>NP 001014434.1</u>

1q31.3

 RefSeq Size:
 2078 bp

 RefSeq ORF:
 1167 bp

 Locus ID:
 56956

 UniProt ID:
 Q9NQ69

Protein Families: Druggable Genome, Transcription Factors

MW: 42.7 kDa

Cytogenetics:

Gene Summary: This gene encodes a member of the LIM homeobox gene family of developmentally

expressed transcription factors. The encoded protein contains a homeodomain and two cysteine-rich zinc-binding LIM domains involved in protein-protein interactions. The protein is highly similar to a mouse protein that causes gonadal agenesis when inactivated, suggesting a role in gonadal development. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Jul 2008]