

#### OriGene Technologies, Inc.

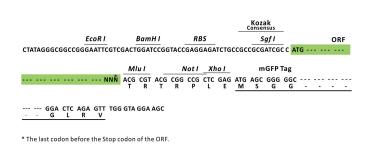
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# Product datasheet for RC219240L4

# hnRNP L (HNRNPL) (NM\_001533) Human Tagged Lenti ORF Clone

# **Product data:**

Product Type:	Expression Plasmids
Product Name:	hnRNP L (HNRNPL) (NM_001533) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	hnRNP L
Synonyms:	hnRNP-L; HNRPL; P/OKcl.14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219240).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf1         ORF         Mlu1            GCG ATC GC         ATG//         NNN         ACG CGT



ACCN: ORF Size: NM\_001533 1767 bp



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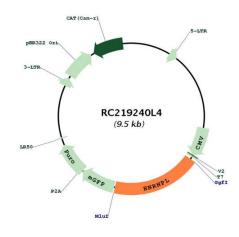
of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amour of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.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 throu 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 prevailir variants is recommended prior to use. More infoOTI 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 wated 3. Close 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 liqu at the bottom.		RNP L (HNRNPL) (NM_001533) Human Tagged Lenti ORF Clone – RC219240L4
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Domains: RRM	UniProt ID:	<u>P14866</u>
	Cytogenetics:	19q13.2
<b>MW:</b> 64 kDa	Domains:	RRM
	MW:	64 kDa

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#### Scrigene hnRNP L (HNRNPL) (NM\_001533) Human Tagged Lenti ORF Clone – RC219240L4

#### Gene Summary: Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. Heterogeneous nuclear ribonucleoprotein L is present in the nucleoplasm as part of the HNRP complex. HNRP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since HNRP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### **Product images:**



Circular map for RC219240L4

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