

Product datasheet for **SC321967**

hnRNP L (HNRNPL) (NM_001005335) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	hnRNP L (HNRNPL) (NM_001005335) Human Untagged Clone
Tag:	Tag Free
Symbol:	hnRNP L
Synonyms:	hnRNP-L; HNRPL; P/OKcl.14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC321967
 GCAGAGGCAGCAGCCGGACGAGCAGCGGAGGCGGTGCGGAGCGATGGTGAAGATGGCGGC
 GGCGGGCGGGGAGGCGGCGGTGGCCGCTACTACGGCGGCGGCAGTGAGGGCGGCCGGGC
 CCCTAAGCGGCTCAAGACTGACAACGCCGGCGACCAGCACGGAGGCGGCGGCGGTGGCGG
 TGGAGGAGCCGGGGCGGGCGGCGGCGGCGGTGGGAGAACTACGATGACCCGCACAA
 AACCCCTGCCTCCCAGTTGTCCACATCAGGGGCTGATTGACGGTGTGGTGAAGCAGA
 CTTGTGGAGGCTTGCAGGAGTTTGGACCCATCAGCTATGTGGTGGTAATGCCTAAAA
 GAGACAAGCACTGGTGGAGTTTGAAGATGTGTTGGGGCTTGAACGCGAGTGAACACTACGC
 AGCCGACAACCAATATACATTGCTGGTCAACCCAGCTTTTGTCAACTACTCTACCAGCCA
 GAAGATCTCCCGCCTGGGACTCGGATGACTCCCGGAGCGTGAACAGTGTGCTTCTCTT
 TACCATCTGAACCCATTTATTGATCACCACGGATGTTCTTTACACTATCTGTAATCC
 TTGTGGCCCTGTCCAGAGAATTGTCATTTTCAGGAAGAATGGAGTTCAGGCGATGGTGA
 ATTTGACTCAGTTCAAAGTGCCAGCGGCCAAGGCTCTCTCAATGGGCTGATATCTA
 TTCTGGCTGTTGACTCTGAAGATCGAATACGCAAAGCCTACACGCTTGAATGTGTTCAA
 GAATGATCAGGATACTTGGGACTACACAAACCCCAATCTCAGTGGACAAGGTGACCCTGG
 CAGCAACCCCAACAAACGCCAGAGGCAGCCCCCTCCTGGGAGATCACCCCGCAGAATA
 TGGAGGGCCCCACGGTGGGTACCACAGCCATTACCATGATGAGGGCTACGGGCCCCCCCC
 ACCTACTACGAAGGGAGAAGGATGGTCCACCAGTGGGGGGTACCCGTGCGGGCCCAAG
 TCGCTACGGCCCCAGTATGGGCACCCCCACCCCTCCCCACCACCCGAGTATGGCC
 TCACGCCGACAGCCCTGTGCTCATGGTCTATGGCTTGGATCAATCTAAGTGAACGTGA
 CCGAGTCTTCAATGTCTTCTGCTTATATGGCAATGTGGAGAAGGTGAAATTCATGAAAAG
 CAAGCCGGGGCCGCCATGGTGGAGATGGCTGATGGCTACGCTGTAGACCGGGCCATTAC
 CCACCTCAACAACAACCTCATGTTTGGCAGAAGCTGAATGTCTGTGTCTCCAAGCAGCC
 AGCCATCATGCCTGGTCACTCATACGGGTGGAAGACGGGTCTTGCAAGTACAAAGACTT
 CAGTGAATCCCGAACAATCGGTTCTCCACCCAGAGCAGGCAGCCAAGAACCAGCATCCA
 GCACCCAGCAACGTGCTGCACTTCTTCAACGCCCGCTGGAGGTGACCGAGGAGAACTT
 CTTTGAGATCTGCGATGAGCTGGGAGTGAAGCGGCCATCTTGTGAAAGTATTCTCAGG
 CAAAAGTGAAGCGAGCTCCTCTGGACTGCTGGAGTGGGAATCCAAGAGCGATGCCCTGGA
 GACTCTGGGCTTCTGAACCATTACCAGATGAAAAACCCCAATGGTCCATACCCTTACAC
 TCTGAAGTTGTGTTTCTCCACTGCTCAGCACGCCTCCTAATTAGGTGCCTAGGAAGAGTC
 CCATCTGAGCAGGAAGACATTTCTTTCTTTATGCCATTTTTTGTGTTTTGTTATTTGC
 AAAAGATCTTGATTCCTTTTTTTTTTTTTTTTTTAAATGCTAGGTTTGTAGAGGCTTACT
 TAACCTTAATGGAAACGCTGAAATCTGCAGGGGGAGGGAGAGGGGAACTGTTATCTCCC
 AAGATTAACCTTCACTTTTAAAAAATTATTGTACATGTGATTTTTTTTTTCTGTTTCAT
 ACATTTGTGCTGCCATGTACTCTTGGCACATTTCAATAAAATTTGTTGGAAAATAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001005335

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001005335.1](#), [NP_001005335.1](#)

RefSeq Size: 1895 bp

RefSeq ORF: 1371 bp

Locus ID: 3191

UniProt ID: [P14866](#)

Cytogenetics: 19q13.2

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]
Transcript Variant: This variant (2) differs in the 5' UTR and coding region compared to variant 1. The resulting isoform (b) has a shorter N-terminus compared to isoform a.