

Product datasheet for **SC124410**

HNRPLL (HNRNPLL) (NM_138394) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPLL (HNRNPLL) (NM_138394) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPLL
Synonyms:	HNRPLL; SRRF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_138394, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTCCTCCTCTTCTCCCCAGGGAGACGTACGAGGAGGACCGGGAGTACGAGAGCCAGGCCAAGC
GTCTCAAGACCGAGGAGGGGAGATCGACTACTCGGCCGAGGAAGGCGAGAACC GCCGGGAAGCGACGCC
CCGGGGCGGGGCGATGGCGGCGGCGGCGGAGCTTCTCTCAGCCGAGGCAGGTGGAAGTCATCAT
AAAGTTTCTGTTTCACCCGTCGTCATGTTTCGAGGACTCTGTGAATCTGTGGTGGAAAGCAGACCTCGTGG
AAGCGCTGGAATAATTTGGGACAATATGCTATGTGATGATGCCATTTAAACGACAGGCTCTAGTGGA
ATTTGAAACATAGATAGTGCCAAAGAATGTGTGACATTTGCTGCAGATGAACCCGTGTACATTGCTGGT
CAACAGGCTTTTTCACTATTCTACAAGCAAAAGGATCACTCGGCCAGGAAATACTGATGATCCATCAG
GAGGCAACAAAGTTCTTCTGCTCTCAATTCAGAATCCGCTTTATCCAATTACAGTGGATGTTTTATATAC
TGTATGCAACCTGTTGGCAAAGTGCAACGTATTGTTATATTCAAGAGAAATGGGATACAAGCAATGGTT
GAGTTTGAATCAGTCCTTTGTGCCAGAAAGCTAAAGCAGCACTCAATGGAGCTGATATATATGCTGGAT
GTTGCACACTAAAAATTGAATATGCACGCCCACTCGTCTAAATGTTATTAGGAATGACAATGACAGTTG
GGACTACACTAAACCATATTTGGGAAGACGAGATAGAGGAAAGGGTCGCCAGAGACAAGCCATTTTGGGA
GAACACCCCTTCTCGTTTAGACATGATGGCTATGGATCCCATGGTCCATTATTGCCTTTACCAAGTCGTT
ACAGAATGGGCTCTCGAGATACACCTGAACTTGTGCTTATCCATTACCACAGGCTTCTTCTCTTACAT
GCATGGAGGAAATCCCTCTGGTTCAGTTGTAATGGTTAGTGGATTACATCAACTAAAAATGAATTGTTCA
AGAGTCTTCAACCTGTTCTGCTTATATGGAAATATTGAGAAGGTAATAATTAAGAACCATTCCTGGTA
CAGCACTGGTAGAAATGGGTGATGAGTATGCTGTAGAAAGAGCTGTCACACACCTTAATAATGTCAAATT
ATTTGGGAAAAGACTTAATGTTTGCCTGTCTAAACAACATTGAGTTGTTCCAAGTCAAATATTTGAGCTG
GAGGATGGTACCAGCAGCTACAAAGATTTGCAATGAGCAAAAAATAATCGCTTTACAAGTCTGGCCAAG
CATCTAAGAATATAATCCAGCCACCCTCTGTGTTTTCATTATTATAATGTTCCATTGTGTGTACAGA
AGAGACCTTCACAAAGTTGTGTAATGACCATGAAGTTCTTACATTCATCAATATAAAGTGTGTTGATGCA
AAACCTTCAGCCAAAACACTTTCTGGGCTATTAGAATGGGAGTGCAAACTGATGCAGTAGAAGCCCTTA
CGGCACTGAATCACTATCAGATAAGAGTGCCGAATGGTTCCAATCCCTATACATTGAAGCTTTGCTTTTC
TACATCATCCCATTTATAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138394 unedited

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TGTATACGACTCTATAGGGCGGCCGGAATTCGCACGAGGCTCCTCCGGGCAGGGAGCG
GAGACGGAGGAGGAGGAGGGAGAGGCTGAATGTTGGCTCGGTAATTGAGAGGAGCGGCCG
CTCCAGAGCTTCTTCCCGGGGCGCCCCCTCAGTCCGTCGCGCTTCTCAGCCGCCAGTC
TCCTGGCCGCGCAGTCCCGCGGACGGCCGGCGCGGAGACCTCGCAGAAGAGGCGCT
GCCGGCGGCGAGGACTGGCCGGCGGCATCCGAGGCGCGCGCCCAACCGCCATCCCCACCC
GCCTGCCAGCCGGTCCCTCCGGCCGCGCCATGTCCTCCTCTTCTTCTCCCCAGGGAG
ACGTACGAGGAGGACCGGGAGTACGAGAGCCAGGCCAAGCGTCTCAAGACCGAGGAGGGG
GAGATCGACTACTCGGCCGAGGAAGGCGAGAACC GCCGGGAAGCGACGCCCGGGGCGGG
GGCGATGGCGGCGGCGGCGCGGAGCTTCTCTCAGCCGAGGCAGGTGGAAGTCATCAT
AAAGTTTCTGTTTCACCCGTCGTCATGTTTCGAGGACTCTGTGAATCTGTGGTGGAAAGCA
GACCTCGTGAAGCGCTGGAAAAATTTGGGACAATATGCTATGTGATGATGCCATTT
AAACGACAGGCTCTAGTGAATTTGAAACTAGATAGTGCCTAAGAAATGTGTGACATTTG
CTGCAGATGAACCCGTGTACATTGCTGGTCAACAGGCTTTTTTCACTATNTCTACAGCA
AAGGATCACTCGGCCAGNAATACTGATGATCCATCAGGAGGGCACAAGNTCTTCTGCTCT
CATTGAGAAATCCGCTTTNCAATACAGNG
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Restriction Sites: NotI-NotI
ACCN: NM_138394
Insert Size: 5000 bp

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).
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_138394.2</u> , <u>NP_612403.2</u>
RefSeq Size:	2055 bp
RefSeq ORF:	1629 bp
Locus ID:	92906
UniProt ID:	<u>Q8WVV9</u>
Cytogenetics:	2p22.1
Domains:	RRM
Gene Summary:	HNRNPLL is a master regulator of activation-induced alternative splicing in T cells. In particular, it alters splicing of CD45 (PTPRC; MIM 151460), a tyrosine phosphatase essential for T-cell development and activation (Oberdoerffer et al., 2008 [PubMed 18669861]). [supplied by OMIM, Aug 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). CCDS Note: The coding region has been updated to represent alternative splice sites that are more supported by the available transcript and protein data.