

Product datasheet for **SC124269**

HNRPUL1 (HNRNPUL1) (NM_144732) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPUL1 (HNRNPUL1) (NM_144732) Human Untagged Clone
Tag:	Tag Free
Symbol:	HNRPUL1
Synonyms:	E1B-AP5; E1BAP5; HNRPUL1
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_144732, the custom clone sequence may differ by one or more nucleotides

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ATGGACAATATTACCAGGCAGAACCAATTCTACGATACCCAAGTCATCAAACAAGAAAACGAGTCAGGCT
ACGAGAGGAGACCACTGGAAATGGAGCAGCAGCAGGCCTATCGTCCAGAAATGAAGACAGAGATGAAGCA
AGGAGACCCACCAGCTTCTCCCGCTGAAGCTTCTCAACTCAAGCCAGACAGGCAGCAATTCAGAGT
CGAAAGAGGCCTTATGAAGAAAACCGGGGACGGGGTACTTTGAGCACCGAGAGGATAGGAGGGCCGCT
CTCCTCAGCCTCCTGCTGAAGAGGATGAAGATGACTTTGATGATACCCCTTGTGCTATTGACACCTATAA
CTGCGACCTCCACTTCAAGGTGGCCGAGATCGGAGTAGTGGCTATCCGCTCACAATTGAGGGCTTTGCA
TACCTGTGGTCAGGAGCCCGTCCAGCTATGGGGTCAAGAGGGCCGTGTATGCTTCGAGATGAAGATCA
ATGAGGAAATCTCCGTGAAGCACCTTCCGTCTACAGAGCCTGACCCACCGTGGTCCGTATCGGCTGGTC
CCTGGACTCCTGCAGCACCCAGTAGGGCAAGAGCCTTTCTCCTATGGCTATGGAGGCACTGGGAAGAAG
TCCACCAATAGCCGGTTTAAAACACGGAGACAAGTTTGCAGAGAACGATGTGATTGGCTGCTTTGCGG
ATTTTGAATGTGAAATGACGTGAACTGTCTTTACCAAGAATGAAAAGTGGATGGGCATTGCTTTCCG
AATCCAGAAGGAAGCCTTGGGGGTGAGCCCTCTATCCTCATGCTCCTGGTGAAGAAATGCGCAGTGGAG
TTCAACTTCGGACAGAGAGCAGAGCCCTACTGTTCTGTCCTCCCGGGTTTACCTTCATCCAGCACCTTC
CCCTTAGTGAGCGTATCCGGGGACCGTTGGACCAAAGAGCAAGGCAGAAATGTGAGATTCTGATGATGGT
GGGCTGCCTGCTGCTGGCAAGACCACATGGGCCATCAAACATGCAGCCTCCAACCCTTCCAAGAAGTAC
AACATCCTGGGTACCAATGCCATCATGGATAAGATGCGGGTGTGGGCCTACCGCCGAGCGGAACATG
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CAAGAAACGCAACTATATCCTAGATCAGACAAATGTTTATGGGTCAGCCAGAGACGAAAAATGAGACCA
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CGCAGCGGAGGTGGTGGCTATAGCCAGAACCCTGGGGTAAACAACAACCGGGATAACAACAACCTCAACA
ACAGAGGCAGCTACAACCGGGCTCCCAGCAACAGCCGCCACCACAGCAGCCTCCGCCACCACAGCCACC
ACCCAGCAGCCACCGCCACCACCCAGTACAGCCCTGCTCGGAACCCCCAGGGGCCAGCACCTACAAT
AAGAACAGCAACATCCCTGGCTCAAGCGCAATACCAGCACCCCCACCGTCAGCAGCTACAGCCCTCCAC
AGCCGAGTTACAGCCAGCCACCTACAACCAGGGAGGTTACAGCCAGGGCTACACAGCCCAACCGCTCC
ACCTCCACCACCCTGCCTACAATATGGGAGCTACGGCGGTTACAACCCGGCCCCCTATACCCACCG
CCACCCCACTGCACAGACCTACCCTCAGCCAGCTATAACCAGTATCAGCAGTATGCCAGCAGTGGG
ACCACTACTATCAGAACCAGGGCCAGTGGCCGCATACTACGGGAACACGACTACGGGAGCTACTCCGG
GAACACACAGGGTGGCACAAGTACACAGTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144732 unedited
 GGGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGCCATGGACAA
 TATTACCAGGCAGAACCAATTCTACGATACCCAAGTCATCAAACAAGAAAACGAGTCAGG
 CTACGAGAGGAGACCACTGGAAATGGAGCAGCAGCAGGCCTATCGTCCAGAAATGAAGAC
 AGAGATGAAGCAAGGAGCACCCACCAGCTTCTCCCGCTGAAGCTTCTCAACTCAAGCC
 AGACAGGCAGCAATTCCAGAGTCGAAAGAGGCCTTATGAAGAAAACCGGGACGGGGTA
 CTTTGAGCACCGAGAGGATAGGAGGGGCCGCTCTCCTCAGCCTCCTGCTGAAGAGGATGA
 AGATGACTTTGATGATACCTTGTGCTATTGACACCTATAACTGCGACCTCCACTTCAA
 GGTGGCCCGAGATCGGAGTAGTGCTATCCGCTACAATTGAGGGCTTTCATACCTGTG
 GTCAGGAGCCCGTGCCAGCTATGGGGTCAGAAGGGGCCGTGTATGCTTCGAGATGAAGAT
 CAATGAGGAAATCTCCGTGAAGCACCTTCCGTCTACAGAGCCTGACCCCCACGTGGTCC
 GTATCGGTGGTCCCTGGACTNCTGCAGCACCCAGCTAGGCGAAGAGCCTTCTCCTATG
 GCTATGGANGACTGGGAAAGAGTCCACCAAATAGCCGTTTAAAACACGGAGACCAGN
 TTGCAGAGAACCATGTGATTGGGCTGCTTGGCGATTTTGAATGTTGAAATGACGTGGAA
 CTGTCTTTTTACAAAATTGAAAGTGGATTGGGCTTGTCTTCCGAAACCAGAAAGAAGC
 CTGTGGGGTCAAGGCCCTCATACCCATGTCCTGGTGA AAAAATTGCCCATGGAGTTAAAC
 TTCTGCAGAGAGCAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_144732 unedited
 AGATCGAGTTTTATATTCCTTTTTTTTTTAAGTTTTGATTTTTTTTTTAATCCTGAAAAT
 AGACAGTAAAACAGCTCCTGGGGAGAATTTACAACCAACTGCATGAGGGTCTGGGAAGCT
 GAGGGGCTGGAGCAGGGTTGGGAGAGTGAACAGGAGGGGATTCTCCCTCAGTCACTGTA
 GCCTCACTGTATGATCAAGGGAGGTGGGATTATTTAGTCAAAAAGGAAGAAGGTAGGAA
 GAACAGGAGGTGGAAGGCTGGGGAGGTGGGGACAACAGAAAATAAAAGGTCATTGTTGC
 CTGTTTGAATCCAGAAAAAATGCCTGGCCCTATGGAGGGGAAGGAAGCCCTCAGAGGG
 GAGGCAGTGGGCTGGAGGGAGGCAGCCCTGGGATGACCCCATCCCAGCACCCAGGGATC
 TGGCGGGGCGAGAGGAGGGCCGAGGCAGGCGCTGGTGGAGGAAGCCGGCAGGGGCTCC
 GGGAGCCTCTGGGTCACACTGGCTACTGTACTTGTGCCACCCTGTGTGTTCCCGGAGT
 AGCTCCCGTAGTCGTAGTTCCCGTAGTATGGCGGCCACTGGCCCTGGTTCTGATAGTACT
 GTTCCACTGCTGGGCATACTGCTGATACTGGTTATAGCTGGGCTGAAGGTATGTCTGTG
 CCGTGGGGGGTGGCCGTGGGGTATTGGGGGGCCGGGTGAAGGGGCCGGGCCCCNCCT
 TCCTANCCCCCGCTTGGGGGCCCTTTCGCCNCTCCCGGGGGCCCGCTCCCCTTCTG
 GCCTTTCGCCGGTGTCCCTTGCCGATAGGGGGCCCGGTNCCCCTTGCCTGCGCCCCC
 TCTGCCCATTTTGA

Restriction Sites:

NotI-NotI

ACCN:

NM_144732

Insert Size:

3000 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: [NM_144732.1](#), [NP_653333.1](#)

RefSeq Size: 3714 bp

RefSeq ORF: 3522 bp

Locus ID: 11100

UniProt ID: [Q9BUJ2](#)

Cytogenetics: 19q13.2

Domains: SPRY

Protein Families: Druggable Genome

Gene Summary: This gene encodes a nuclear RNA-binding protein of the heterogeneous nuclear ribonucleoprotein (hnRNP) family. This protein binds specifically to adenovirus early-1B-55kDa oncoprotein. It may play an important role in nucleocytoplasmic RNA transport, and its function is modulated by early-1B-55kDa in adenovirus-infected cells. [provided by RefSeq, Mar 2016]

Transcript Variant: This variant (4) differs in the 5' UTR and coding region compared to variant 1, resulting in an isoform (d) that maintains the reading frame but is shorter at the N-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.