

Product datasheet for **RC224172**

HNRPUL1 (HNRNPUL1) (NM_144732) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HNRPUL1 (HNRNPUL1) (NM_144732) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HNRPUL1
Synonyms:	E1B-AP5; E1BAP5; HNRPUL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC224172 representing NM_144732
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAATATTACCAGGCAGAACCAATTCTACGATACCCAAGTCATCAAACAAGAAAACGAGTCAGGCT
 ACGAGAGGAGACCACTGGAAATGGAGCAGCAGCAGGCCTATCGTCCAGAAATGAAGACAGAGATGAAGCA
 AGGAGCACCCACCAGCTTCTCCCGCTGAAGCTTCTCAACTCAAGCCAGACAGGAGCAATTCCAGAGT
 CGAAAGAGGCCTTATGAAGAAAACCGGGGACGGGGTACTTTGAGCACCGAGAGGATAGGAGGGGCCGCT
 CTCCTCAGCCTCTGCTGAAGAGGATGAAGATGACTTTGATGATACCCTTGTGCTATTGACACCTATAA
 CTGCGACCTCCACTTCAAGGTGGCCGAGATCGGAGTAGTGGCTATCCGCTCACAATTGAGGGCTTTGCA
 TACCTGTGGTCAGGAGCCCGTCCAGCTATGGGGTCAGAAGGGGCCGTGTATGCTTCGAGATGAAGATCA
 ATGAGGAAATCTCCGTGAAGCACCTTCCGTCTACAGAGCCTGACCCACGTTGGTCCGTATCGGCTGGTC
 CCTGGACTCCTGCAGCACCCAGTAGGGCAAGAGCCTTTCTCCTATGGCTATGGAGGCATGGGAAGAAG
 TCCACCAATAGCCGGTTTGAAAACCTACGGAGACAAGTTTGCAGAGAACGATGTGATTGGCTGCTTTGCGG
 ATTTTGAATGTGAAATGACGTGGAAGTCTTTTACCAAGAATGGAAAGTGGATGGGCATTGCTTTCCG
 AATCCAGAAGGAAGCCTTGGGGGTGAGCCCTATCCTCATGTCTGGTGAAGAATTGCGCAGTGGAG
 TTCAACTTCGGACAGAGAGCAGAGCCCTACTGTTCTGTCTCCCGGGTTTACCTTCATCCAGCACCTTC
 CCCTTAGTGAGCGTATCCGGGACCCGTTGGACCAAGAGCAAGGCAGAAATGTGAGATTCTGATGATGGT
 GGGCCTGCCTGCTGCTGGCAAGACCACATGGGCCATCAAACATGCAGCCTCCAACCCTTCCAAGAAGTAC
 AACATCCTGGGTACCAATGCCATCATGGATAAGATGCGGGTATGGGCCTACCGCCGAGCGGAACTATG
 CTGGCCGCTGGGATGCTCTGATCCAGCAGGCCACCCAGTGCCTCAACCGCCTCATCCAGATTGCTGCCCG
 CAAGAAAACGCAACTATATCCTAGATCAGACAAAATGTTTATGGGTACGCCAGAGACGAAAAATGAGACCA
 TTTGAAGGCTTCCAGCGCAAAGCTATTGTAATTTGCCACTGACGAGGACCTAAAAGACCGAACAATAA
 AGCGAACCAGCAGGAAGGGAAGGATGTCCAGATCATGCGGTCTTAGAAATGAAAGCCAACCTTCAGTT
 GCCAGATGTTGGGGACTTCTGGATGAGGTTCTGTTTATTGAGCTGCAGCGGGAGGAAGCGGACAAGCTA
 GTGAGGCAGTACAACGAGGAAGGCCGAAAGGCTGGGCCACCCCTGAAAAGCGCTTTGACAAACCGAGGTG
 GTGGTGGCTTCCGGGGCCGCGGGGTGGTGGTGGCTTCCAGCGCTATGAAAACCGAGGACCCCTGGAGG
 CAACCGTGGCGGCTTCCAGAACCAGGGGAGGCAGCGGTGGAGGAGGCAACTACCGAGGAGGTTTCAAC
 CGCAGCGGAGGTGGTGGCTATAGCCAGAACCCTGGGGTAAACAACACCGGGATAACAACAACCTCAACA
 ACAGAGGCAGCTACAACCGGGCTCCCAGCAACAGCCGCCACCACAGCAGCCTCCGCCACCACAGCCACC
 ACCCCAGCAGCCACCGCCACCACCCAGCTACAGCCCTGCTCGGAACCCCCAGGGGCCAGCACCTACAAT
 AAGAACAGCAACATCCCTGGCTCAAGCGCAATACCAGCACCCCCACCGTCAGCAGCTACAGCCCTCCAC
 AGCCGAGTTACAGCCAGCCACCTTACAACCAGGGAGGTTACAGCCAGGGCTACACAGCCCCACCGCTCC
 ACCTCCACCACCCTGCCTACAACATATGGGAGCTACGGCGGTTACAACCCGGCCCTATACCCACC
 CCACCCCACTGCACAGACCTACCCTCAGCCAGCTATAACCAGTATCAGCAGTATGCCAGCAGTGGGA
 ACCAGTACTATCAGAACCAGGGCCAGTGGCCGCTACTACGGGAACTACGACTACGGGAGCTACTCCGG
 GAACACACAGGGTGGCACAAGTACACAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224172 representing NM_144732
 Red=Cloning site Green=Tags(s)

MDNITRQNQFYDTQVIKQENESGYERRPLEMEQQQAYRPEMKTEMKQGAPTSFLPPEASQLKPDROQFQS
 RKRPYEENRGRGYFEHREDRRGRSPQPPAEDEDDFDDTLVAIDTYNCDLHFKVARDRSSGYPLTIEGFA
 YLWSGARASYGVRGRVCFEMKINEEISVKHLPSTEDPHVVRIGWLDSCSTQLGEEPFYGYGGTGKK
 STNSRFENYGDKFAENDVIGCFADFECGNDVELSFTKNGKWMGIAFRIQKEALGGQALYPHVLKNCVAE
 FNFGRAPYCSVLPGFTFIQHLP LSERIRGTVGPKSKAECEILMMVGLPAAGKTTWAIKHAASNP SKKY
 NILGTNAIMDKMRVMGLRRQRNYAGRWDVLIQQATQCLNRLIQIAARKRNYILDQTNVYGSQRKMRP
 FEGFQRKAIVICPTDEDLKDRTIKRTDEEGKDVDPHAVLEMKANFTLPDVGDFLDEVLFIELQREEADKL
 VRQYNEEGRKAGPPPEKRFDNRRGGGFRGRGGGGFQRYENRGGPGRGGFQNRGGGGGGGNYRGGFN
 RSGGGGYSQNRWGNRRDNNNSNRRGYSNRAPQQQPPPPQPPPPQPPPPPSYSPARNPPGASTYN
 KNSNIPGSSANTSTPTVSSYSPQPSYSQPPYNQGGYSQGYTAPPPPPPPAYNYGSYGGYNPAPYTPP
 PPTAQTYPQPSYNQYQYAQQWNQYYQNQGQWPPYYGNVYDYSYSGNTQGGTSTQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_144732

ORF Size: 2268 bp

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: [NM_144732.5](#)

RefSeq Size: 3714 bp

RefSeq ORF: 2271 bp

Locus ID: 11100

UniProt ID: [Q9BUJ2](#)

Cytogenetics: 19q13.2

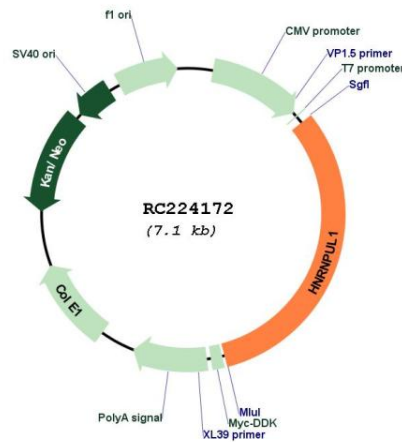
Domains: SPRY

Protein Families: Druggable Genome

MW: 84.8 kDa

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]

Product images:



Circular map for RC224172