

Product datasheet for **MC219273**

Hnrnpl (NM_177301) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpl (NM_177301) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpl
Synonyms:	C79783; D830027H13Rik; Hnrpl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219273 representing NM_177301
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGCGGAGGCTGCTGCCCGGGCGGAGAAGCGGCGTCGGCGGCTCGAGCAGAGGCAGCAGCCGGACG
 AGCAGCTGAGGCGGGCGGGAGCGATGGTGAAGATGGCGGCTGCGGGCGGCGGAGGTGGCGGTGGTCGCTA
 TTACGGCGGCGGCAACGAGGGAGGCCGAGCCCTAAACGGCTGAAGACTGAAAACGCCGGCGACCAAGCAGC
 GGAGGCGGCGGCGGAGGCTCCGGGGCGGGCGGCGGCGGCGGGGAGAACTACGATGACCCCCACA
 AAACCCCTGCCTCCCAAGTTGTTACATCAGGGCCCTGATTGACGGAGTGTGGAAGCTGACCTTGTGGA
 AGCCCTGCAAGAATTTGGACCCATCAGCTATGTGGTGGTATGCCAAAGAAGAGGCAGGCACTGGTAGAG
 TTTGAAGACGTGCTGGGGCTTGTAAATGCCGTAACACTACGCTGCAGACAACCAGATCTACATTGCCGGTC
 ACCCTGCATTTGTCAATTATTCTACCAGCCAGAAGATCTCTCGCCGGGCGACTCTGATGACTCCCGGAG
 CGTAAACAGCGTGCTTCTGTTTACCATCTAAACCCCATCTACTCCATAACCACGGATGTTCTTTACACC
 ATCTGTAACCCCTGTGGCCCTGTCCAGAGAATTGTCATTTCCGGAAGAACGGAGTTCAGGCTATGGTGG
 AGTTTGATTCTGTGCAAAGTGCCACGCGCCAAAGGCCTCACTCAATGGGGCTGACATCTATTCCGGCTG
 TTGACTCTGAAAATTGAGTACGCAAAGCCTACGCGTTTAAATGTATTCAAGAACGATCAAGATACTTGG
 GACTACACGAACCCCAACCTCAGTGGACAAGGTGACCCCTGGCAGTAAACCCCAACAACGCCAGCGGCAGC
 CCCCTCTCCTGGGAGATCATCCCGCAGAATATGGAGGGCCCCATGGTGGTACCACAGCCATTACCATGA
 TGAGGGCTACGGGCCCCCCCCACCTCACTACGAAGGGAGAAGGATGGGCCACCTGTGGGGGTCAACCGC
 CGGGCCCAAGTCGCTATGGCCCCAGTATGGTCATCCCCACCCCTCCCCACCACCCGACTATGGCC
 CCCACGCTGACAGCCCTGTGCTCATGGTCTATGGCTTGGATCAATCTAAGATGAACTGTGATCGAGTCTT
 CAATGTCTTCTGCTTGTATGGCAATGTGGAGAAGGTGAAATTTATGAAAAGCAAGCCGGGGCCGCCATG
 GTGAAAATGGCTGATGGCTATGCTGTGGACCGAGCCATTACTCACCTCAACAACAACCTCATGTTTGGGC
 AGAAGATGAATGTCTGTGCTCCAAGCAACCAGCCATTATGCCTGGTCAGTCATACGGGCTAGAAGATGG
 ATCCTGCAGCTATAAAGACTTCAGCGAGTCAAGGAACAATCGGTTCTCCACTCCAGAGCAGGCAGCTAAG
 AACCGCATCCAGCACCCTAGCAATGACTGCACCTTCTCAATGCTCCCTCGAGGTGACTGAGGAGAACT
 TCTTTGAGATCTGCGATGAACTGGGAGTGAAGCGGCCAACCTCTGTCAAAGTATTTTCAGGCAAAAGCGA
 GCGGAGCTCCTCTGGGCTGCTGGAGTGGGACTCGAAGAGCGATGCCCTGGAGACCTTGGGCTTCTTGAAC
 CATTACCAGATGAAAAACCAAATGGCCCGTACCCATACACTCTGAAGTTGTGCTTCTCCACTGCACAGC
 ACGCCTCTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_177301
Insert Size: 1761 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts 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 amounts 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 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](#)

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_177301.5](#), [NP_796275.3](#)

RefSeq Size: 2142 bp

RefSeq ORF: 1761 bp

Locus ID: 15388

UniProt ID: [Q8R081](#)

Cytogenetics: 7 B1

Gene Summary: Splicing factor binding to exonic or intronic sites and acting as either an activator or repressor of exon inclusion (PubMed:22523384). Exhibits a binding preference for CA-rich elements. Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes and associated with most nascent transcripts. Associates, together with APEX1, to the negative calcium responsive element (nCaRE) B2 of the APEX2 promoter.[UniProtKB/Swiss-Prot Function]