

Product datasheet for **RN209671**

Hnrnph2 (NM_001014019) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnph2 (NM_001014019) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnph2
Synonyms:	Hnrph2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209671 representing NM_001014019
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCTGAGCACAGAGGGCAGGGAGGGGTTCTGTTGAAGTCAAGGGCTACCTGGTCTGCTCAG
 CCGAGGAAGTGATGCGCTTCTTTCTGATTGCAAATCCAAAATGGCACATCAGGTGTTCTTCATCTA
 CACCAGAGAAGGCAGACCGAGTGGTGAAGCATTGTGCGAACTCGAATCTGAAGATGAAGTAAATTGGCT
 TTAAGAAAGACAGAGAAACCATGGGACACAGATATGTTGAAGTATTCAAATCCAACAGTGTGAAATGG
 ATTGGGTGTTAAAGCATAACAGTCCAAATAGTCTGATACTGCCAATGATGGGTTGTACGGCTCAGAGG
 ACTCCCATTTGGCTGTAGCAAGGAAGAAATTTTCAGTCTTTTTTCAGGGTTGAAATTTGCCAAATGGG
 ATGACACTGCCAGTGGACTTTTCAGGGCGGAGCACAGGGGAAGCTTTTGTGCAGTTTGTTCACAGGAGA
 TAGCTGAAAAGGCCTTAAAGAAACACAAGGAAAGAATAGGGCATAGGTACATCGAGATCTTCAAGAGTAG
 CAGAGCTGAAGTCCGAACCCACTATGATCCCCCTCGAAAGCTCATGACTATGCAGCGCCCGGTCTTAT
 GATAGGCCAGGGGCTGGGAGAGGGTATAATAGCATTGGCAGAGGAGCTGGGTTTGAAGAATGAGGCCGG
 GTGCCATGTTGGAGGGTACGGAGGCTATGATGACTACGGAGGTTATAATGACGGGTATGGTTTTGGGTC
 TGATAGATTTGGAAGAGACCTAAACTACTGTTTCTCAGGAATGTCTGATCATCGATATGGAGATGGTGGG
 TCCAGTTTCCAGAGCACCACAGGGCACTGTGTACACATGAGGGGGTTACCATACAGAGCCACTGAGAATG
 ATATTTACAATTTTTTCTCACCTCTTAATCCCATGAGAGTACACATTGAAATCGGACCTGATGGCAGAGT
 CACGGGTGAGGCAGACGTTGAGTTTGTACTCATGAAGACGCTGTGCCAGCTATGGCAAAAGATAAAGCA
 AATATGCAGCACAGATATGTGGAGCTCTCCTGAATTCTACCGCAGGGACGAGTGGAGGAGCTTATGATC
 ATAGCTATGTAGAGCTCTTTTTGAATTCTACAGCAGGGCAAGCGGTGGTCTTATGGCAGCCAGATGAT
 GGGAGGGATGGGTTTATCCAACCAAGTCTAGTTATGGAGGTCAGCCAGCCAGCAGCTGAGTCTGGCTAC
 GGAGGTGGTTATGGTGGTCAAGCAGTATGAGCGGATATGACCAAGTTCTTCAGGAAAACCTCAAGTACT
 ATCAGTCAAACCTTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001014019
- Insert Size:** 1350 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_001014019.1](#), [NP_001014041.1](#)

RefSeq Size: 1725 bp

RefSeq ORF: 1350 bp

Locus ID: 308650

UniProt ID: [Q6AY09](#)

Cytogenetics: Xq32

Gene Summary: This protein is a component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Binds poly(RG) (By similarity).[UniProtKB/Swiss-Prot Function]