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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGCTGAGCACAGAGGGCAGGGAGGGGTTCGTGGTGAAGGTCAGGGGCCTACCCTGGTCCTGCTCAG
CCGAGGAAGTGATGCGCTTCTTTTCTGATTGCAAAATCCAAAATGGCACATCAGGTGTTCGTTTCATCTA
CACCAGAGAAGGCAGACCGAGTGGTGAAGCATTTGTCGAACTCGAATCTGAAGATGAAGTGAAATTGGCT
TTAAAGAAAGACAGAGAAACCATGGGACACAGATATGTTGAAGTATTCAAATCCAACAGTGTTGAAATGG
ATTGGGTGTTAAAGCATACAGGTCCAAATAGTCCTGATACTGCCAATGATGGGTTTGTACGGCTCAGAGG
ACTCCCATTTGGCTGTAGCAAGGAAGAAATTGTTCAGTTCTTTTCAGGGTTGGAAATTGTGCCAAATGGG
ATGACACTGCCAGTGGACTTTCAGGGGCGGAGCACAGGGGAAGCTTTTGTGCAGTTTGCTTCACAGGAGA
TAGCTGAAAAGGCCTTAAAGAAACACAAGGAAAGAATAGGGCATAGGTACATCGAGATCTTCAAGAGTAG
CAGAGCTGAAGTCCGAACCCACTATGATCCCCCTCGAAAGCTCATGACTATGCAGCGCCCGGGTCCTTAT
GATAGGCCAGGGGCTGGGAGAGGGTATAATAGCATTGGCAGAGGAGCTGGGTTTGAAAGAATGAGGCGGG
GTGCCTATGGTGGAGGGTACGGAGGCTATGATGACTACGGAGGTTATAATGACGGGTATGGTTTTGGGTC
TGATAGATTTGGAAGAGACCTAAACTACTGTTTCTCAGGAATGTCTGATCATCGATATGGAGATGGTGGG
TCCAGTTTCCAGAGCACCACAGGGCACTGTGTACACATGAGGGGGTTACCATACAGAGCCACTGAGAATG
ATATTTACAATTTTTTCTCACCTCTTAATCCCATGAGAGTACACATTGAAATCGGACCTGATGGCAGAGT
CACGGGTGAGGCAGACGTTGAGTTTGCTACTCATGAAGACGCTGTGGCAGCTATGGCAAAAGATAAAGCA
AATATGCAGCACAGATATGTGGAGCTCTTCCTGAATTCTACCGCAGGGACGAGTGGAGGAGCTTATGATC
ATAGCTATGTAGAGCTCTTTTTGAATTCTACAGCAGGGGCAAGCGGTGGTGCTTATGGCAGCCAGATGAT
GGGAGGGATGGGTTTATCCAACCAGTCTAGTTATGGAGGTCCAGCCAGCCAGCAGCTGAGTGCTGGCTAC
GGAGGTGGTTATGGTGGTCAGAGCAGTATGAGCGGATATGACCAAGTTCTTCAGGAAAACTCAAGTGACT
ATCAGTCAAACCTTGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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.

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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]

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