

Product datasheet for **RR209671**

Hnrnph2 (NM_001014019) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR209671 representing NM_001014019
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGCTGAGCACAGAGGGCAGGGAGGGGTTCTGGTGAAGGTCAGGGCCTACCTGGTCTGCTCAG
 CCGAGGAAGTGATGCGCTTCTTTCTGATTGCAAATCCAAAATGGCACATCAGGTGTTCTTCATCTA
 CACCAGAGAAGGCAGACCGAGTGGTGAAGCATTGTGCAACTCGAATCTGAAGATGAAGTAAATTGGCT
 TAAAGAAAGACAGAGAAACCATGGGACACAGATGTTGAAGTATTCAAATCCAACAGTGTGAAATGG
 ATTGGGTGTTAAAGCATAACAGTCCAAATAGTCTGATACTGCCAATGATGGGTTGTACGGCTCAGAGG
 ACTCCCATTTGGCTGTAGCAAGGAAGAAATTTTCAGTCTTTTCAGGGTTGAAATTTGCCAAATGGG
 ATGACTGCCAGTGGACTTTTCAGGGCGGAGCACAGGGGAAGCTTTTGTGCAGTTTGTTCACAGGAGA
 TAGCTGAAAAGGCCTTAAAGAAACACAAGGAAAGAATAGGGCATAGGTACATCGAGATCTTCAAGAGTAG
 CAGAGCTGAAGTCCGAACCCACTATGATCCCCCTCGAAAGCTCATGACTATGCAGCGCCCGGTCTTAT
 GATAGGCCAGGGGCTGGGAGAGGGTATAATAGCATTGGCAGAGGAGCTGGGTTTGAAGAATGAGGCGGG
 GTGCCATGTTGGTGGAGGTTACGGAGGCTATGATGACTACGGAGGTTATAATGACGGGTATGGTTTTGGGTC
 TGATAGATTTGGAAGAGACCTAAACTACTGTTTCTCAGGAATGTCTGATCATCGATATGGAGATGGTGGG
 TCCAGTTTCCAGAGCACCACAGGGCACTGTGTACACATGAGGGGGTTACCATACAGAGCCACTGAGAATG
 ATATTTACAATTTTTTCTCACCTCTTAATCCCATGAGAGTACACATTGAAATCGGACCTGATGGCAGAGT
 CACGGGTGAGGCAGACGTTGAGTTTGTACTCATGAAGACGCTGTGCCAGCTATGGCAAAAGATAAAGCA
 AATATGCAGCACAGATATGTGGAGCTCTCCTGAATTCTACCGCAGGGACGAGTGGAGGAGCTTATGATC
 ATAGCTATGTAGAGCTCTTTTTGAATTCTACAGCAGGGCAAGCGGTGGTCTTATGGCAGCCAGATGAT
 GGGAGGGATGGGTTTATCCAACCAAGTCTAGTTATGGAGGTCAGCCAGCCAGCAGCTGAGTGTGGCTAC
 GGAGGTGGTTATGGTGGTCAAGCAGTATGAGCGGATATGACCAAGTTCTTCAGGAAAACCAAGTGACT
 ATCAGTCAAACCTTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209671 representing NM_001014019
 Red=Cloning site Green=Tags(s)

MMLSTEGREGFVVKVRGLPWSCSAEEVMRFFSDCKIQNGTSGVRFIYTREGRPSGEAFVELESEDEVKLA
 LKKDRETMGHRYVEVFKSNSVEMDWLKHGPNPDTANDGFVRLRGLPFGCSKEEIVQFFSGLIIVPNG
 MTLPVDFQGRSTGEAFVQFASQIEAEKALKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMTMQRPGPY
 DRPGAGRGYNSIGRGAGFERMRGAYGGYGGYDDYGGYNDGYGFGSDRFGRDLNYCFSGMSDHRYGDGG
 SSFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADVEFATHEDAVAAMAKDKA
 NMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGASGGAYGSQMMGMGLSNQSSYGGPASQQLSAGY
 GGGYGGQSSMSGYDQVLQENSSDYQSNLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001014019

ORF Size: 1347 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_001014019.1](#), [NP_001014041.1](#)

RefSeq Size: 1725 bp

RefSeq ORF: 1350 bp

Locus ID: 308650

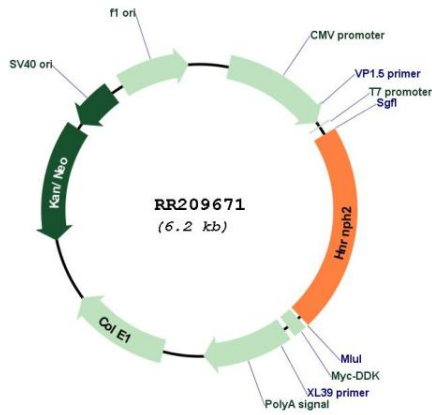
UniProt ID: [Q6AY09](#)

Cytogenetics: Xq32

MW: 49.3 kDa

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]

Product images:



Circular map for RR209671