

## Product datasheet for **RR200059**

### Hnrnpa3 (NM\_001111295) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpa3 (NM_001111295) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpa3
Synonyms:	Hnrpa3; mBx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR200059 representing NM_001111295 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGGCCACGATCCAAGGAACAGAGCAGCTGAGGAAGCTGTTTATTGGTGGTCTGAGCTTTGAAA  
CCACAGATGATAGCTTAAGAGAACATTTTGAGAAATGGGCACACTTACAGATTGTGGTAATGAGAGA  
TCCTCAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTTGTGTGCGAAGAGGTGGATGCTGCA  
ATGTGTGCTCGGCCACACAAGGTTGATGGACGTGTGGTGAACCAAGAGAGCTGTTTCTAGAGAGGATT  
CTGTAAGCCTGGTGCCATTTAACAGTGAAGAAGATTTTGTGGTGGTATTAAGAGGATACAGAAGA  
ATATAATCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAAGTTATGGAAGATAGGCAG  
AGTGGGAAAAAGAGAGGATTTGCTTTTGTAACTTTTGTGATCATGACACAGTTGATAAAATTTGTTGTC  
AGAAATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTC  
TGCTGGATCACAGAGAGGTCGTGGAGGTGGATCTGGCACTTTATGGGACGTGGAGGAACTTTGGTGGC  
GGCGGAGGAACTTTGGCGTGGAGGAACTTTGGTGAAGAGGAGGCTATGGTGGTGGAGGTGGTGGCA  
GCAGAGGCAGTTATGGAGGTGGTATGGTGGATATAATGGATTTGGAGGTGATGGTGGCACTATGGTGG  
TGGTCTGGTTACAGTAGTAGAGGAGGTTATGGAGGTGGTGGACCAGGATATGGAACCAAGGTGGTGG  
TATGGTGGTGGAGGAGGATATGATGGTTACAATGAAGGAGGAAATTTGGTGGAGGTAACATATGGT  
GTGGTGGAACTATAATGACTTTGGAAATTATAGTGGACAGCAACATCTAATTATGGACCATGAAGGG  
GGCAGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGT  
GGATATGGTAGCAGAAGTTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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**Protein Sequence:** >RR200059 representing NM\_00111295  
 Red=Cloning site Green=Tags(s)

MEGHDPKEPEQLRKLFIGGLSFETDDSLREHFEKWGTLTDCVVMRDPQTKRSRGGFVTVYSCVEEVDAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEYNLRDYFEKYGKIETIEVMEDRQSGKKRGFVFTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSAGSQRGRGGGSGNFMGRGGNFGGGGNFGRGGNFGGRGGYGGGGGSRGSYGGDGGYNGFGDGGNYGGGPGYSSRGGYGGGGPGYGNQGGGYGGGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSGQQSNYGPMMKGGSFGGRSSGSPYGGYSGGGSGGYGSRRF

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\_00111295

**ORF Size:** 1071 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\\_001111295.1](#), [NP\\_001104765.1](#)

**RefSeq Size:** 1154 bp

**RefSeq ORF:** 1074 bp

**Locus ID:** 362152

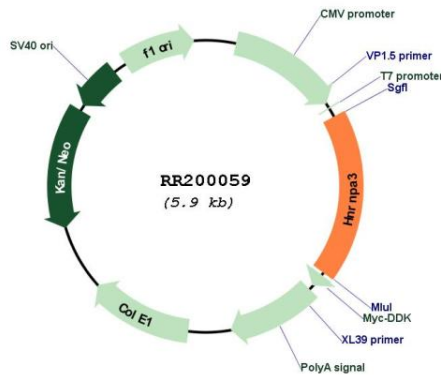
**UniProt ID:** [Q6URK4](#)

**Cytogenetics:** 3q23

**MW:** 37.1 kDa

**Gene Summary:** an mRNA binding protein involved in cytoplasmic trafficking of messages to specific sites in the cell [RGD, Feb 2006]

**Product images:**



Circular map for RR200059