

Product datasheet for **RR200058**

Hnrnpa3 (NM_198132) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpa3 (NM_198132) 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:	>RR200058 representing NM_198132 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTAAAACCGCCGCCCGGTGCGCCCCAGCCTGACTCCGGCCGTCGCCGCCGCCGGGGGAGG
AGGGCCACGATCCAAAGGAACCAGAGCAGCTGAGGAAGCTGTTTATTGGTGGTCTGAGCTTTGAAACCAC
AGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGATTGTGTGGTAATGAGAGATCCT
CAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTTTGTGTGCGAAGAGGTGGATGCTGCAATGT
GTGCTCGGCCACACAAGTTGATGGACGTGTGGTGAACCAAGAGAGCTGTTTCTAGAGAGGATTCTGT
AAAGCCTGGTGCCATTTAACAGTGAAGAAGATTTTTGTTGGTGGTATTAAGAGGATACAGAAGAATAT
AATCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAAGTTATGGAAGATAGGCAGAGTG
GGAAAAAGAGAGGATTGCTTTTGAACTTTTGATGATCATGACACAGTTGATAAAATTGTTGTTTCAGAA
ATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTCTGCT
GGATCACAGAGAGGTCGTGGAGGTGGATCTGGCAACTTTATGGGACGTGGAGGAACTTTGGTGGCGGCG
GAGGAACTTTGGCGTGGAGGAACTTTGGTGAAGAGGAGGCTATGGTGGTGGAGGTGGTGGCAGCAG
AGGCAGTTATGGAGGTGGTGGTGGATATAATGGATTTGGAGGTGATGGTGGCAACTATGGTGGTGGT
CCTGGTTACAGTAGTAGAGGAGTTATGGAGGTGGTGGACCAGGATATGGAAACCAAGGTGGTGGATATG
GTGGTGGAGGAGGAGGATATGATGGTTACAATGAAGGAGGAAATTTGGTGGAGGTAATGATGGTGGTGG
TGGAACTATAATGACTTTGAAATTATAGTGGACAGCAACAATCTAATTATGGACCCATGAAGGGGGC
AGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGTGGAT
ATGGTAGCAGAAGGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200058 representing NM_198132
 Red=Cloning site Green=Tags(s)

```
MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDSLREHFEKWGTLDCVVMRDP
QTKRSRGGFVYSCVEEVDAAACARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
NLRDYFEKYGKIETIEVMEDRQSGKKRGFVFTDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSA
GSQRGRGGGSGNFMGRGGNFGGGGGNFRGGNFGGRGGYGGGGGSRGSYGGDGGYNGFGDGGNYGGG
PGYSSRGGYGGGPGYGNQGGYGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMMKGG
SFGGRSSGSPYGGYSGGGSGGYGSRRF
```

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_198132

ORF Size: 1137 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_198132.3](#), [NP_937765.1](#)

RefSeq Size: 2668 bp

RefSeq ORF: 1140 bp

Locus ID: 362152

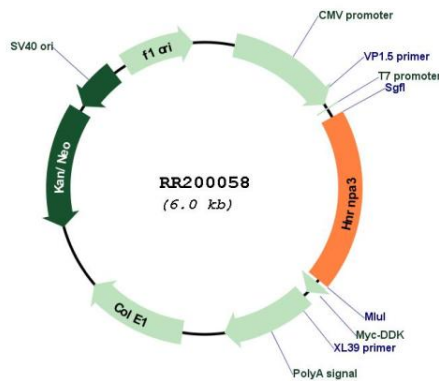
UniProt ID: [Q6URK4](#)

Cytogenetics: 3q23

MW: 39.7 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 RR200058