

Product datasheet for **MR204595**

Hnrpa3 (BC062198) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC062198) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrpa3
Synonyms:	MGC37309, hnRNPA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204595 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTAAAACCGCCGCCCGGTGCGCCCCAGCCTGACTCCGGCCGTCGCCGCCGCCGGGGGAGG
AGGGCCATGATCCAAAGGAACCAGAGCAGCTGAGGAAGCTATTTATTGGTGGTCTGAGCTTTGAAACCAC
AGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGACTGTGTGGTAATGAGAGATCCC
CAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTTTGTGTTGAAGAGGTGGATGCTGCAATGT
GTGCTCGGCCACACAAGTTGATGGCGTGTGGTGAACCGAAGAGAGCTTTTCTAGAGAGGATTCTGT
AAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGATACGGAAGAATAT
AACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAGACAGGCAGAGTG
GGAAAAAGAGAGGATTTGCTTTTGTAACTTTTGTGATGATCATGACACAGTTGATAAAATTGTTGTTGAGAA
ATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTCTGCT
GGATCACAGAGAGGTCGTGGAGGTGGATCTGGCACTTTATGGGTCGTGGAGGAACTTTGGAGGTGGT
GAGGAACTTTGGTCGTGGAGGAACTTTGGTGGAGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAA
TTTTGGTGGAGGTAATATGGTGGTGGTGGAACTATAATGACTTTGAAATTATAGTGGACAGCAACAA
TCAAATTATGGACCCATGAAGGGGGCAGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCT
ATGGATCTGGAGGTGGAAGTGGTGGATATGGTAGCAGAAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204595 protein sequence
Red=Cloning site Green=Tags(s)

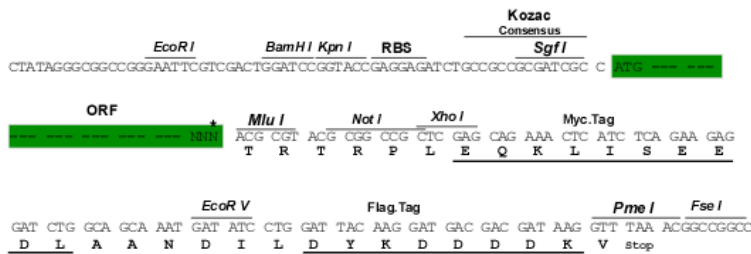
MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDSLREHFKEKWTLTDCVVMRDP
 QTKRSRGGFGFVTYSCVEEVAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
 NLRDYFEKYGKIETIEVMEDRQSGKKRGFVTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSA
 GSQRGRGGGSGNFMGRGGNFGGGGGNFRGGGNFGGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSGQQQ
 SNYGPMKGGSFGGRSSGSPYGGYGSGGSGGYGSRRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC062198

ORF Size: 954 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: [BC062198](#), [AAH62198](#)

RefSeq Size: 1781 bp

RefSeq ORF: 956 bp

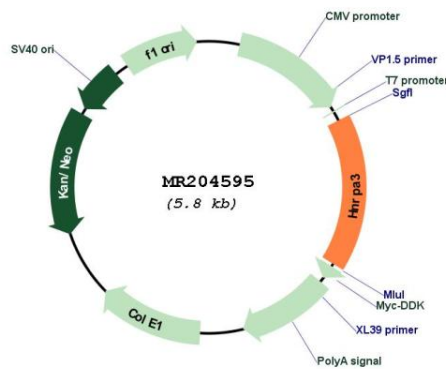
Locus ID: 229279

Cytogenetics: 2 C3

MW: 34.4 kDa

Gene Summary: Plays a role in cytoplasmic trafficking of RNA. Binds to the cis-acting response element, A2RE. May be involved in pre-mRNA splicing (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204595