

Product datasheet for **MR205905**

Hnrpa3 (BC023908) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC023908) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrpa3
Synonyms:	MGC37309, hnRNPA3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR205905 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGTAAAACCGCCGCCCGGTGCCCCAGCCTGACTCCGGCCGTGCGCCGCCGCCGGGGGAGG
AGGGCCATGATCCAAAGGAACCAGAGCAGCTGAGGAAGCTATTTATTGGTGGTCTGAGCTTTGAAACCAC
AGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGACTGTGTGTAATGAGAGATCCC
CAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTCTTGTGTTGAAGAGGTGGATGCTGCAATGT
GTGCTCGGCCACACAAGTTGATGGGCGTGTGGTGAACCGAAGAGAGCTGTTTCTAGAGAGGATTCTGT
AAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGATACGGAAGAATAT
AACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAGACAGGCAGAGTG
GGAAAAAGAGAGGATTTGCTTTTGTAACTTTTGTGATGATCATGACACAGTTGATAAAATTTGTTTCAGAA
ATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTCTGCT
GGATCACAGAGAGGTCGTGGAGGTGGATCTGGCAACTTTATGGTCTGGAGGAACTTTGGAGGTGGTG
GAGGAACTTTGGTCTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGGTGGTGGCAGCAG
AGGTAGTTATGGAGGTGGTGGATATAATGGATTTGGAGGTGATGGTGGCAACTATGGTGGTGGT
CCTGGTTACAGCAGTAGAGGAGTTATGGAGGTGGTGGACCAGGATATGGAACCGGTTGGTGGATATG
GTGGTGGAGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAATTTGGTGGAGGTAAGTATGGTGGTGG
TGGAACTATAATGACTTTGAAATTAAGTGGACAGCAACAATCAAATTAAGACCCATGAAGGGGGGC
AGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGTGGAT
ATGGTAGCAGAAGGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205905 protein sequence
 Red=Cloning site Green=Tags(s)

MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDSLREHFEKWGTLTDCVVMRDP
 QTKRSRGFGFVTYSCVEEVDAAACARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
 NLRDYFEKYGKIETIEVMEDRQSGKKRGFVFTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSA
 GSQRGRGGGSGNFMGRGGNFGGGGGNFRGGNFGRRGGYGGGGGSRGSYGGGDGGYNGFGGDGGNYGGG
 PGYSSRGGYGGGPGYGNQGGYGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMMKGG
 SFGGRSSGSPYGGYSGGGSGGYGSRRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

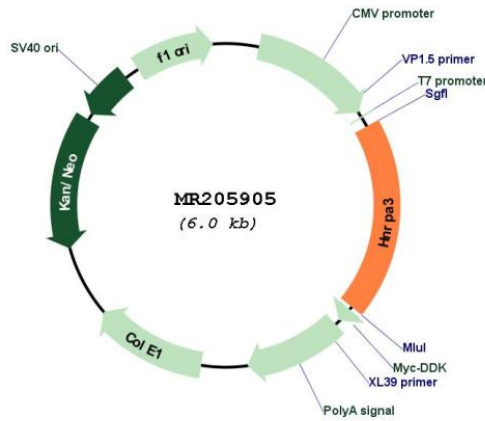
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC023908

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:	<ol style="list-style-type: none"> 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:	BC023908 , AAH23908
RefSeq Size:	1873 bp
RefSeq ORF:	1139 bp
Locus ID:	229279
Cytogenetics:	2 C3
MW:	39.7 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]