

## Product datasheet for **MG205905**

### Hnrpa3 (BC023908) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC023908) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hnrpa3
Synonyms:	MGC37309, hnRNPA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205905 representing BC023908 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGTAAAACCGCCGCCCGGTGCGCCCCAGCCTGACTCCGGCCGTCGCCGCCGCCGGGGGAGG  
AGGGCCATGATCCAAAGGAACCAGAGCAGCTGAGGAAGCTATTTATTGGTGGTCTGAGCTTTGAAACCAC  
AGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGACTGTGTGGTAATGAGAGATCCC  
CAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTTTGTGTTGAAGAGGTGGATGCTGCAATGT  
GTGCTCGGCCACACAAGTTGATGGGCGTGTGGTGAACCGAAGAGAGCTGTTTCTAGAGAGGATTCTGT  
AAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGATACGGAAGAATAT  
AACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAGACAGGCAGAGTG  
GGAAAAAGAGAGGATTGCTTTTGTAACTTTTGTGATGATCATGACACAGTTGATAAAATTGTTGTTTCAGAA  
ATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTCTGCT  
GGATCACAGAGAGGTCGTGGAGGTGGATCTGGCACTTTATGGTTCGTGGAGGAACTTTGGAGGTGGT  
GAGGAACTTTGGTCGTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGGTGGTGGCAGCAG  
AGGTAGTTATGGAGGTGGTGGTGGATATAATGGATTTGGAGGTGATGGTGGCAACTATGGTGGTGGT  
CCTGGTTACAGCAGTAGAGGAGTTATGGAGGTGGTGGACCAGGATATGGAACCGAGGTGGTGGATATG  
GTGGTGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAATTTGGTGGAGGTAACATGTTGGTGG  
TGGAACTATAATGACTTTGAAATTATAGTGGACAGCAACAATCAAATTATGGACCCATGAAGGGGGC  
AGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGTGGAT  
ATGGTAGCAGAAGGTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG205905 representing BC023908  
Red=Cloning site Green=Tags(s)

```
MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDSLREHFEKWGTLTDCVVMRDP
QTKRSRFGFVYSCVEEVDAAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
NLRDYFEKYGKIETIEVMEDRQSGKKRGFVTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSA
GSQRGRGGGSGNFMGRGGNFGGGGNFGRGGNFGRGGYGGGGGSRGSYGGGDGGYNGFGDGGNYGGG
PGYSSRGGYGGGPGYGNQGGYGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMMKGG
SFGGRSSGSPYGGYSGGGSGGYGSRFF
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC023908

**ORF Size:** 1139 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:** [BC023908](#), [AAH23908](#)

**RefSeq Size:** 1873 bp

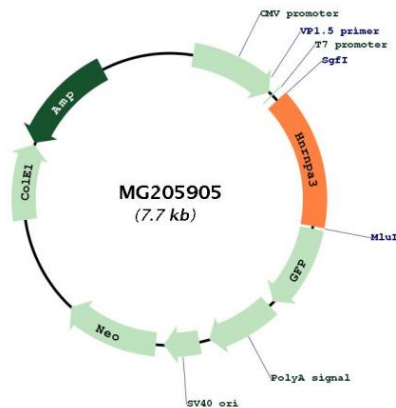
**RefSeq ORF:** 1139 bp

**Locus ID:** 229279

**Cytogenetics:** 2 C3

**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 MG205905