

Product datasheet for **MG205918**

Hnrpa3 (BC038364) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC038364) 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:	>MG205918 representing BC038364 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTAAAACCGCCGCCCGGTGCGCCCCAGCCTGACTCCGGCCGTCGCCGCCGCCGGGGGAGG
AGGGCCATGATCCAAAGGAACAGAGCAGCTGAGGAAGCTATTTATTGGTGGTCTGAGCTTTGAAACCAC
AGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGACTGTGTGGTAATGAGAGATCCC
CAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTTTGTGTTGAAGAGGTGGATGCTGCAATGT
GTGCTCGGCCACACAAGTTGATGGGCGTGTGGTGAACCGAAGAGAGCTGTTTCTAGAGAGGATTCTGT
AAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGATACGGAAGAATAT
AACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAGACAGGCAGAGTG
GGAAAAAGAGAGGATTTGCTTTTGAACTTTGTGATGATCATGACACAGTTGATAAAATTGTTGTTTCAGAA
ATACCACACTATTAATGGGCATAATTGTGAAGTAAAAAGGCCCTTTCTAAACAAGAGATGCAGTCTGCT
GGATCACAGAGAGGTCGTGGAGGTGGATCTGGCAACTTTATGGGTCGTGGAGGAACTTTGGAGGTGGT
GAGGAACTTTGGTCGTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGGTGGTGGCAGCAG
AGGTAGTTATGGAGGTGGTGGTGGATATAATGGATTTGGAGGTGATGGTGGCAACTATGGTGGTGGT
CCTGGTTACAGCAGTAGAGGAGTTATGGAGGTGGTGGACAGGATATGGAACCGAGGTGGTGGATATG
GTGGTGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAATTTGGTGGAGGTAACATGTTGGTGGTGG
TGGAACTATAATGACTTTGAAATTATAGTGGACAGCAACAATCAAATTATGGACCCATGAAGGGGGC
AGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGTGGAT
ATGGTAGCAGAAGGTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205918 representing BC038364
 Red=Cloning site Green=Tags(s)

```
MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETTDDSLREHFEKWGTLTDCVVMRDP
QTKRSRFGFVTYSCVEEVDAAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
NLRDYFEKYGKIETIEVMEDRQSGKKRGFVFTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSA
GSQRGRGGGSGNFMGRGGNFGGGGNFRGGNFGRGGYGGGGGSRGSYGGGDGGYNGFGDGGNYGGG
PGYSSRGGYGGGPGYGNQGGGYGGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMMKGG
SFGGRSSGSPYGGGYSGGGGSGGYGSRRF
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC038364

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: [BC038364](#), [AAH38364](#)

RefSeq Size: 2621 bp

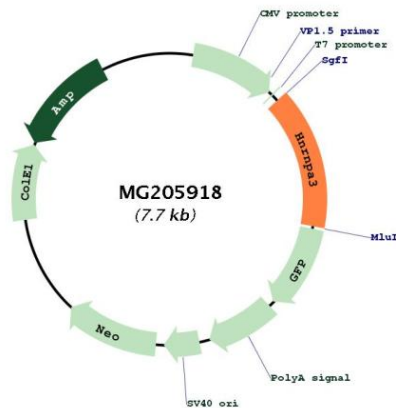
RefSeq ORF: 1139 bp

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 MG205918