

Product datasheet for **MG204450**

Hnrpa3 (BC085474) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC085474) 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:	>MG204450 representing BC085474 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAGATCCCCAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTCTTGTGTTGAAGAGGTGG
ATGCTGCAATGTGTGCTCGGCCACACAAGGTTGATGGCGTGTGGTGAACCGAAGAGAGCTGTTTCTAG
AGAGGATTCTGTAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGAT
ACGGAAGAATATAACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAG
ACAGGCAGAGTGGGAAAAGAGAGGATTTGCTTTTGTAACTTTTGTGATCATGACACAGTTGATAAAAT
TGTTGTTCAAAAATACCACACTATTAATGGGCATAATTGTGAAGTGAAGGAGGCCCTTTCTAAACAAGAG
ATGCAGTCTGCTGGATCACAGAGAGGTCGTGGAGGTGGATCTGGCAACTTTATGGGTCGTGGAGGAACT
TTGGAGGTGGTGGAGGAACTTTGGTCGTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGG
TGGTGGCAGCAGAGGTAGTTATGGAGGTGGTATGGTGGATATAATGGATTTGGAGGTGATGGTGGCAAC
TATGGTGGTGGTCTGGTTACAGCAGTAGAGGAGGTTATGGAGGTGGTGGACCAGGATATGGAACCAAG
GTGGTGGATATGGTGGTGGAGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAAATTTGGTGGAGGTAA
CTATGGTGGTGGTGGAACTATAATGACTTTGGAAATTATAGTGGACAGCAACAATCAAATTATGGACCC
ATGAAGGGGGCAGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTG
GAAGTGGTGGATATGGTAGCAGAAGGTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204450 representing BC085474
 Red=Cloning site Green=Tags(s)

MRDPQTKRSRGGFVVTYSCVVEVDAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKED
 TEEYNLRDYFEKYGKIETIEVMEDRQSGKKRGF AFVTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQE
 MQSAGSQRGRGGGSGNFMGRGGNF GGGGNFGRGNF GGRGGYGGGGGSRGSYGGGDDGGYNGFGGDGGN
 YGGGPGYSSRGGYGGGGPYGNQGGGYGGGGYDGYNEGNFGGGNYGGGGNYNDFGNYSGQQQSNYGP
 MKGGSFGGRSSGSPYGGGYGSGGSGGYGSRRF

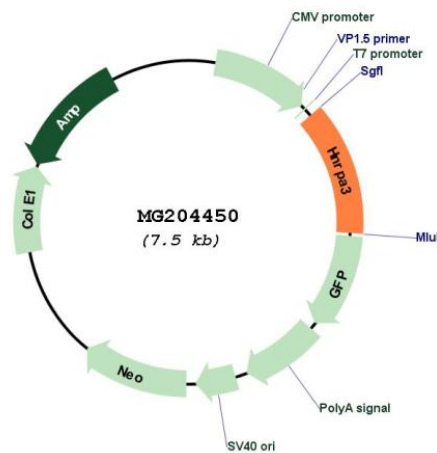
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC085474

ORF Size: 942 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:	BC085474.1
RefSeq Size:	1851 bp
RefSeq ORF:	941 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]