

Product datasheet for MR205463

Hnrpa3 (BC023828) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa3 (BC023828) 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:	>MR205463 representing BC023828 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGGCCATGATCCAAAGGAACCAGAGCAGCTGAGGAAGCTATTTATTGGTGGTCTGAGCTTTGAAA
CCACAGATGATAGCTTAAGAGAACATTTTGAGAAATGGGGCACACTTACAGACTGTGTGGTAATGAGAGA
TCCCCAAACAAAACGTTCCAGAGGCTTTGGTTTTGTGACCTACTCTTGTGTTGAAGAGGTGGATGCTGCA
ATGTGTGCTCGGCCACACAAGGTTGATGGCGTGTGGTGAACCGAAGAGAGCTGTTTCTAGAGAGGATT
CTGTAAGCCTGGTGCCATTTAACGGTGAAGAAAATTTTGTGGTGGTATTAAGAGGATACGGAAGA
ATATAACCTGAGAGACTACTTTGAAAAGTATGGCAAGATTGAAACCATAGAGGTTATGGAAGACAGGCAG
AGTGGGAAAAGAGAGGATTTGCTTTTGAACCTTTGATGATCATGACACAGTTGATAAAATTTGTTGTC
AGAAATACCACACTATTAATGGGCATAATTGTGAAGTGAAGGAGGCTTTCTAAACAAGAGATGCAGTC
TGCTGGATCACAGAGAGGTCGTGGAGGTGGATCTGGCACTTTATGGGTCGTGGAGGAACTTTGGAGGT
GGTGGAGGAACTTTGGTCGTGGAGGAACTTTGGTGAAGAGGTGGCTATGGTGGTGGAGGTGGTGGA
GCAGAGGTAGTTATGGAGGTGGTATGGTGGATAATGGATTGGAGGTGATGGTGGCAACTATGGTGG
TGGTCCTGGTTACAGCAGTAGAGGAGGTTATGGAGGTGGTGGACCAGGATATGGAACCAGGGTGGTGGA
TATGGTGGTGGAGGAGGAGGCTATGATGGTTACAATGAAGGAGGAAATTTTGGTGGAGGTAAGTATGGT
GTGGTGGAACTATAATGACTTTGGAAATTATAGTGGACAGCAACAATCAAATTATGGACCCATGAAGGG
GGGCAGTTTTGGTGAAGAAGCTCAGGCAGTCCCTATGGTGGTGGCTATGGATCTGGAGGTGGAAGTGGT
GGATATGGTAGCAGAAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205463 representing BC023828
 Red=Cloning site Green=Tags(s)

MEGHDPKEPEQLRKLFIGGLSFETDDSLREHFKEKWGTLTDCVVMRDPQTKRSRGFGFVTYSCVEEVDAAMCARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEYNLRDYFEKYGKIETIEVMEDRQSGKKRGF AFVTFDDHDTVDKIVVQKYHTINGHNCEVKKALSKQEMQSAGSQRGRGGGSGNFMGRGGNFGGGGNFGRGGNFGGRGGYGGGGGSRGSYGGDGGYNGFGDGGNYGGGPGYSSRGGYGGGPGYGNQGGGYGGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMMKGSFGGRSSGSPYGGYSGGGSGGYGSRRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

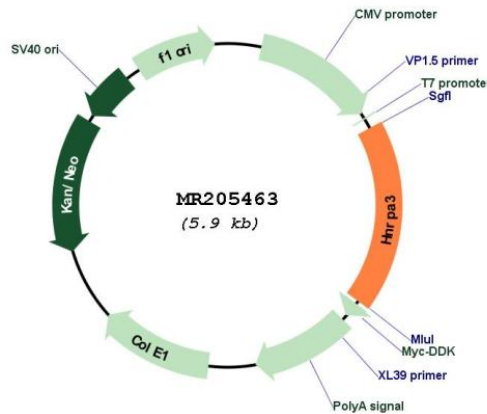
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC023828

ORF Size:	1071 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:	BC023828.1
RefSeq Size:	1554 bp
RefSeq ORF:	1073 bp
Locus ID:	229279
Cytogenetics:	2 C3
MW:	57 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]