

Product datasheet for MR229588

Hnrnpa3 (NM_146130) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpa3 (NM_146130) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpa3
Synonyms:	2410013L13Rik; 2610209F03Rik; 2610510D13Rik; Hnrpa3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229588 representing NM_146130 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

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

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229588 representing NM_146130
 Red=Cloning site Green=Tags(s)

MEVKPPPGRPQPDSGRRRRRGEEGHDPKEPEQLRKLFIGGLSFETDDSLREHFEKWTLTDCVVMRDP
 QTKRSRGFGFVTYSCVEEVDAAACARPHKVDGRVVEPKRAVSREDSVKPGAHLTVKKIFVGGIKEDTEEY
 NLRDYFEKYGKIETIEVMEDRQSGKKRGFVFTFDDHDTVDKIVVQKYHTINGHNCVKKALSKQEMQSA
 GSQRGRGGGSGNFMGRGGNFGGGGNFRGGNFGRRGGYGGGGGSRGSYGGDGGYNGFGGDGGNYGGG
 PGYSSRGGYGGGPGYGNQGGYGGGGGYDGYNEGGNFGGGNYGGGNYNDFGNYSQQQSNYGPMKGG
 SFGRRSSGSPYGGYSGGGGSGGYGSRRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

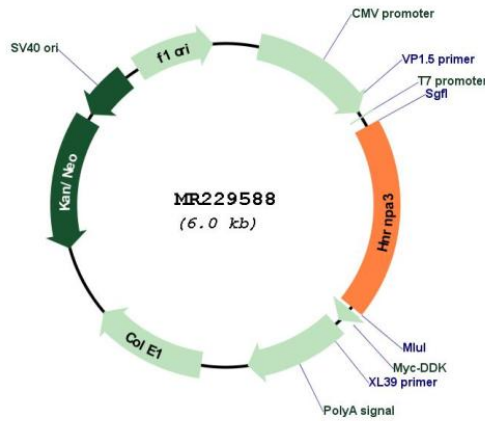
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_146130

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:	NM_146130.3 , NP_666242.2
RefSeq Size:	5242 bp
RefSeq ORF:	1140 bp
Locus ID:	229279
UniProt ID:	Q8BG05
Cytogenetics:	2 C3
MW:	40.1 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]