

Product datasheet for MR205769

Hnrpa1 (BC089340) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa1 (BC089340) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrpa1
Synonyms:	Hdp; HDP-1; hnrnp-A1; hnRNP A1; Hnrpa1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205769 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTAAGTCCGAGTCTCCAAGGAGCCAGAACAGCTGCGGAAGCTCTTCATCGGAGGGCTGAGCTTCG
AAACAACCGACGAGAGTCTGAGGAGCCATTTTGGCAATGGGGAACACTAACAGACTGTGTGTAATGAG
AGATCCAAACACCAAGAGATCCAGGGGCTTTGGGTTTGCACATATGCCACTGTGGAAGAAGTGGATGCT
GCCATGAATGCAAGACCACACAAGGTGGATGGAAGAGTTGTGGAACCTAAGAGAGCTGTCTCAAGAGAAG
ATTCTCAGCGACCAGGTGCCACTTAACGTGAAAAAGATCTTTGTTGGTGGTATTAAGAAGACTGA
AGAACATCACCTACGAGATTATTTTGGCAGTATGGGAAGATTGAAGTGATAGAAATTATGACTGACAGA
GGCAGTGGGAAAAAGAGGGGCTTTGCTTTTGTACCTTTGATGACCATGACTCTGTGGATAAGATTGTTA
TTCAGAAATACCATACTGTGAATGGCCACAACGTGAAGTAAGAAAGGCTCTGTGCAAGCAAGAGATGGC
TAGTGCTTCATCCAGTCAGAGAGGTCGAGTGGTCTGGAACCTTTGGTGGTGGTCTGGAGGCGGTTTT
GGTGGCAATGACAATTTGGTCGAGGAGGGAACCTCAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GTGGTGGATATGGTGGCAGTGGGATGGCTATAATGGATTTGGCAATGATGGTGGTATGGAGGAGGCAG
CCCTGGTTACTCTGGAGGAAGCAGAGGCTATGGAAGTGGTGGACAGGTTATGGAACCAGGGCAGTGCC
TATGGCGGGAGTGGCAGCTATGACAGCTATAACAACGGAGGCGGAGGCGGCTTTGGCGGTGGTAGTG
GAAGCAATTTGGAGGTGGTGGAAAGCTACAATGATTTTGGCAATTACAACAATCAGTCTTCCAATTTTGG
GCCGATGAAGGGAGGAACTTTGGAGGCAGGAGCTCTGGCCCTTATGGTGGTGGAGGCCAGTACTTTGCT
AAACCACGGAACCAAGGTGGCTATGGCGTTCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGGAGTTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205769 protein sequence
 Red=Cloning site Green=Tags(s)

MSKSESPKEPEQLRKLFIGGLSFETTDESLRSHFEQWGLTDCVVMRDPNPKRSRGGFVITYATVEEVDA
 AMNARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGIKEDTEEHHLRDYFEQYGKIEVIEIMTDR
 GSGKKRGFAFVTFDDHDSVDKIVIQKYHTVNGHNCEVRKALSKQEMASASSSQRGRSGSGNFGGGRGGGF
 GGNDNFGRGGNFSGRGGFGGSRGGGGYGGSDGYNGFGNDGGYGGGSPGYSGGSRGYSGGQGYGNQSG
 YGGSYSYDYNNGGGGGFGGGGSNFGGGGSYNDFGNYNQSSNFGPMKGGNFGGRSSGPYGGGQYFA
 KPRNQGGYGGSSSSSSSYGSGRRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC089340

ORF Size: 1119 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: [BC089340.1](#)

RefSeq Size: 1891 bp

RefSeq ORF: 1121 bp

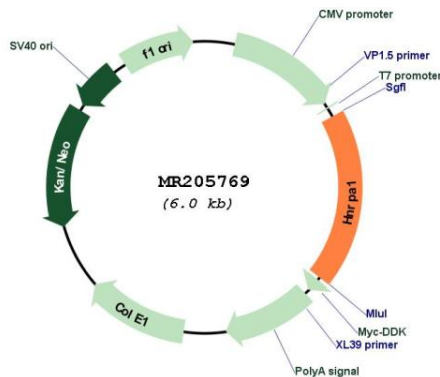
Locus ID: 15382

Cytogenetics: 15 58.58 cM

MW: 38.8 kDa

Gene Summary: Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection (By similarity). May bind to specific miRNA hairpins (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205769