

Product datasheet for **MG204620**

Hnrpa1 (BC080675) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrpa1 (BC080675) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Hnrpa1
Synonyms:	Hdp; HDP-1; hnrnp-A1; hnRNP A1; Hnrpa1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204620 representing BC080675 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTAAGTCCGAGTCTCCAAGGAGCCAGAACAGCTGCGGAAGCTCTTCATCGGAGGGCTGAGCTTCG
AAACAACCGACGAGAGTCTGAGGAGCCATTTTGTAGCAATGGGGAACACTAACAGACTGTGTGTAATGAG
AGATCCAAACACCAAGAGATCCAGGGGCTTTGGGTTTGTACATATGCCACTGTGGAAGAAGTGGATGCT
GCCATGAATGCAAGACCACACAAGGTGGATGGAAGAGTTGTGGAACCTAAGAGAGCTGTCTCAAGAGAAG
ATTCTCAGCGACCAGGTGCCCACTTAACGTGAAAAAGATCTTTGTTGGTGGTATTAAGAAGACTGA
AGAACATCACCTACGAGATTATTTTGTAGCAGTATGGGAAGATTGAAGTGATAGAAATTATGACTGACAGA
GGCAGTGGGAAAAAGAGGGGCTTTGCTTTTGTACCTTTGATGACCATGACTCTGTGGATTAAGATTGTTA
TTCAGAAATACCATACTGTGAATGGCCACAACCTGTGAAGTAAGAAAGGCTCTGTGCAAGCAAGAGATGGC
TAGTGCTTCATCCAGTCAGAGAGGTCGAGTGGTCTGGAACCTTTGGTGGTGGCTGGGAGGCGGTTTT
GGTGGCAATGACAATTTGGTCGAGGAGGGAACCTCAGTGGTGGTGGCTTTGGTGGCAGCCGTGGT
GTGGTGGATGGTGGCAGTGGGATGGCTATAATGGATTTGGCAATGATGGAAGCAATTTGGAGGTGG
TGAAGCTACAATGATTTTGGCAATACAACAATCAGTCTTCAATTTTGGGCCGATGAAGGAGGAAAC
TTTGGAGGCAGGAGCTCTGGCCCTTATGGTGGTGGAGGCCAGTACTTTGCTAAACCACGGAACCAAGGTG
GCTATGGCGGTTCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGGAGGTTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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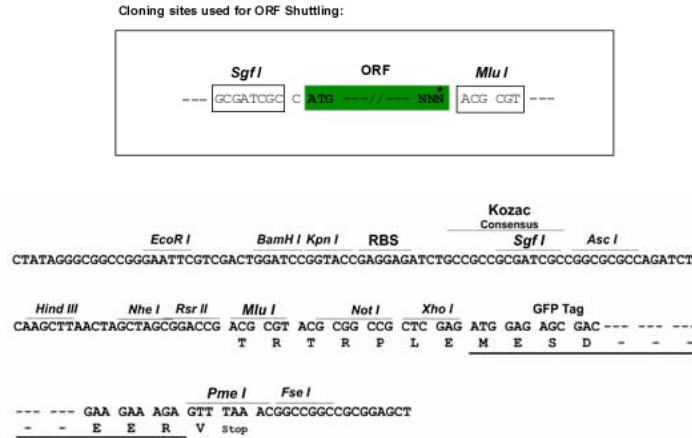
Protein Sequence: >MG204620 representing BC080675
 Red=Cloning site Green=Tags(s)

MSKSESPKEPEQLRKLFIGGLSFETTDESLRSHFEQWGLTDCVVMRDPNPKRSRGGFVFTYATVEEVDA
 AMNARPHKVDGRVVEPKRAVSREDSQRPGAHLTVKKIFVGGIKEDTEEHLRDIYFEQYKIEVIEIMTDR
 GSGKKRGFAFVTFDDHDSVDKIVIQKYHTVNGHNCEVRKALSKQEMASASSSQRGRSGSNFGGGRGGGF
 GGNDNFRGGNFSGRGGFGSRGGGGYGGSDGYNGFGNDGSNFGGGGSYNDFGNYNQSSNFGPMKGGN
 FGGRSSGPYGGGQYFAKPRNQGGYGGSSSSSYGSGRRF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC080675

ORF Size: 962 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: [BC080675](#), [AAH80675](#)

RefSeq Size: 1781 bp

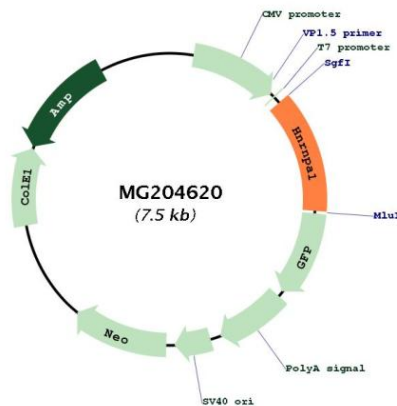
RefSeq ORF: 962 bp

Locus ID: 15382

Cytogenetics: 15 58.58 cM

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 MG204620