

Product datasheet for MC207304

Hnrnpa1 (NM_001039129) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hnrnpa1 (NM_001039129) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hnrnpa1
Synonyms: Hdp; HDP-1; hnrnp-A1; hnRNP A1; Hnrpa1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207304 representing NM_001039129
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCTAAGTCCGAGTCTCCAAGGAGCCAGAACAGCTGCGGAAGCTCTTCATCGGAGGGCTGAGCTTCG
 AAACAACCGACGAGAGTCTGAGGAGCCATTTTGGCAATGGGAACACTAACAGACTGTGTGTAATGAG
 AGATCCAAACACCAAGAGATCCAGGGGCTTTGGGTTTGTACATATGCCACTGTGGAAGAAGTGGATGCT
 GCCATGAATGCAAGACCACAAAGGTGGATGGAAGAGTTGTGAAACCTAAGAGAGCTGTCTCAAGAGAAG
 ATTCTCAGCGACCAGGTGCCACTTAACTGTGAAAAAGATCTTTGTTGGTGGTATTAAAGAAGACTGA
 AGAACATCACCTACGAGATTATTTTGGCAGTATGGGAAGATTGAAGTATAGAAATTATGACTGACAGA
 GGCAGTGGGAAAAAGAGGGGCTTTGCTTTTGTACCTTTGATGACCATGACTCTGTGGATAAGATTGTTA
 TTCAGAAATACCACTACTGTGAATGGCCACAACCTGTGAAGTAAGAAAGGCTCTGTGCAAGCAAGAGATGGC
 TAGTGCTTCATCCAGTCAGAGAGGTCGAGTGGTCTGAAACTTTGGTGGTGGTCTGGAGGCGGTTTT
 GGTGGCAATGACAATTTGGTCGAGGAGGAACTTCAGTGGTCTGGTGGCTTTGGTGGCAGCCGTGGTG
 GTGGTGGATATGGTGGCAGTGGGATGGCTATAATGGATTGGCAATGATGGTGGTATGGAGGAGGCAG
 CCCTGTTACTCTGGAGGAAGCAGAGGCTATGGAAGTGGTGGACAGGGTTATGAAACCAGGGCAGTGCC
 TATGGCGGGAGTGGCAGCTATGACAGCTATAACACGGAGGAGGCGGAGGCGGCTTTGGCGGTGGTAGTG
 GAAGCAATTTGGAGGTGGTGGAAAGCTACAATGATTTTGGCAATTACAACAATCAGTCTTCCAATTTGG
 GCCGATGAAGGGAGGAACTTTGGAGGCAGGAGCTCTGGCCCTTATGGTGGTGGAGGCCAGTACTTTGCT
 AAACCACGGAACCAAGGTGGCTATGGCGGTTCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGGAGTTCT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001039129
Insert Size:	1122 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_001039129.4, NP_001034218.1</u>
RefSeq Size:	1975 bp
RefSeq ORF:	1122 bp
Locus ID:	15382
Cytogenetics:	15 58.58 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) represents the longest transcript and encodes the longer isoform (b).</p>