

## Product datasheet for MC207303

### Hnrnpa1 (NM\_010447) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpa1 (NM_010447) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hnrnpa1
Synonyms:	Hdp; HDP-1; hnrnp-A1; hnRNP A1; Hnrpa1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207303 representing NM_010447 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTAAGTCCGAGTCTCCAAGGAGCCAGAACAGCTGCGGAAGCTCTTCATCGGAGGGCTGAGCTTCG  
AAACAACCGACGAGAGTCTGAGGAGCCATTTTGGCAATGGGGAACACTAACAGACTGTGTGTAATGAG  
AGATCCAAACACCAAGAGATCCAGGGCTTTGGGTTTGTACATATGCCACTGTGGAAGAAGTGGATGCT  
GCCATGAATGCAAGACCACACAAGGTGGATGGAAGAGTTGTGGAACCTAAGAGAGCTGTCTCAAGAGAAG  
ATTCTCAGCGACCAGGTGCCACTTAACGTGAAAAAGATCTTTGTTGGTGGTATTAAAGAAGACTGA  
AGAACATCACCTACGAGATTATTTTGGCAGTATGGGAAGATTGAAGTGATAGAAATTATGACTGACAGA  
GGCAGTGGGAAAAAGAGGGCTTTGCTTTTGTACCTTTGATGACCATGACTCTGTGGATAAGATTGTTA  
TTCAGAAATACCATACTGTGAATGGCCACAACCTGTGAAGTAAGAAAGGCTCTGTGCAAGCAAGAGATGGC  
TAGTGCTTCATCCAGTCAGAGAGGTCGAGTGGTCTGGAACCTTTGGTGGTGGCTGGGAGGCGGTTTT  
GGTGGCAATGACAATTTTGGTCGAGGAGGGAACCTCAGTGGTGGTGGCTTTGGTGGCAGCCGTGGT  
GTGGTGGATGGTGGCAGTGGGATGGCTATAATGGATTTGGCAATGATGGAAGCAATTTTGGAGGTGG  
TGAAGCTACAATGATTTTGGCAATACAACAATCAGTCTTCCAATTTTGGGCCGATGAAGGAGGAAAC  
TTTGGAGGCAGGAGCTCTGGCCCTTATGGTGGTGGAGGCCAGTCTTTGCTAAACCACGGAACCAAGGTG  
GCTATGGCGTTCCAGCAGCAGCAGTAGCTATGGCAGTGGCAGGAGGTTCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_010447



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<b>Insert Size:</b>	963 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_010447.5</a></u> , <u><a href="#">NP_034577.1</a></u>
<b>RefSeq Size:</b>	1816 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	15382
<b>UniProt ID:</b>	<u><a href="#">P49312</a></u>
<b>Cytogenetics:</b>	15 58.58 cM
<b>Gene Summary:</b>	<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 (1) lacks an in-frame exon in the central coding region, compared to variant 2. The encoded isoform (a) is shorter, compared to isoform b.</p>