

## Product datasheet for **RR216607**

### Hnrnpf (NM\_001037286) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpf (NM_001037286) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpf
Synonyms:	Hnrpf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216607 representing NM_001037286 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGATGCTGGCCCTGAGGGAGGTGAAGGCTATGTGGTCAAACCTCCGTGGCCTACCCTGGTCTGCTCAA  
TTGAGGACGTACAAAACCTCCTCTCCGACTGCACAATTCATGATGGGTTCGAGGTTCATTTCATTTA  
TACTAGAGAAGGCAGGCAGAGTGGTGGGCTTTTGTGAACTTGAGTCAGAAGATGATGAAAATTGGCT  
CTGAAAAAAGACAGGAAAGCATGGGACACCGGTATATTGAGGTGTTCAAGTCACACAGAACCGAGATGG  
ATTGGGTGTTGAAGCACAGTGGTCCAAACAGCGCCGACAGTGCCAATGATGGCTTTGTGAGGCTTCGGGG  
ACTCCCGTTTGGATGCACAAAGGAAGAAATCGTTCAGTCTTCTCAGGGTTGAAATTTGTCCAAACGGG  
ATCACACTACCTGTGGACCCGGAAGCAAGATTACAGGGGAGGCCTTCGTTTCAGTTTGCCTCACAAAGAGT  
TAGCCGAGAAAGCTTTAGGAAGCACAAGGAGAGAATAGGGCACAGGTATATTGAAGTGTCAAGAGCAG  
TCAGGAGGAAGTTAGGTCATACTCAGATCCACCTCTGAAGTTTATGTCTGTGCAGAGGCCTGGCCTTAT  
GACAGGCCTGGCACAGCCCGGAGGTACATTGGCATTGTGAAACAGGCAGGCCTGGATAGGATGAGGCTCG  
GTGCCTATAGTGCAGGCTATGGGGCTATGAAGAATACAGTGGCCTCAGTGATGGCTATGGCTTCACCAC  
TGACCTGTTGGGAGAGACCTCAGCTATTGTCTCTCAGGAATGTATGATCACAGATACGGAGACAGCGAG  
TTCACAGTGCAGAGCACCCCGCCACTGCGTCCACATGAGAGGGCTGCCCTACAAGCAACGGAGAACG  
ACATTTACAACCTTCTCTCCACTCAACCCTGTGAGAGTTTCAATTGAGATTGGTCTGATGGAAGAGT  
GACCGGAGAAGCTGATGTTGAGTTTGCTACTCATGAAGAAGCAGTGGCAGCTATGTCCAAGGACAGGGCC  
AACATGCAGCACAGATACATAGAACTCTCCTGAATTCAACAACAGGAGCTAGCAATGGGCTTATAGCA  
GCCAGGTGATGCAGGGCATGGGTGTGTGAGCTGCCAGGCAACTTACAGTGGCCTGGAGAGCCAGTCAGT  
GAGTGGCTGTTACGGGGCCGGCTACAGCGGTCAGAACAGCATGGGTGGATATGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216607 representing NM\_001037286  
Red=Cloning site Green=Tags(s)

MMLGPEGGEGYVVKLRGLPWSCSIEDVQNFLSDCTIHDGVAGVHFITYTREGRQSGEAFVELESEDDVKLA  
 LKKDRESMGHRYIEVFKSHRTEMDWVLKHSNPSADSANDGFVRLRGLPFGCTKEEIVQFFSGLIIVPNG  
 ITLPVDPEGKITGEAFVQFASQELA EKALGKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFM SVQRP GPY  
 DRPGTARRYIGIVKQAGLDRMRSGAYSAGYGGYEEYSGLSDGYGFTTDLFGRDLSYCLSGMYDHRYG DSE  
 FTVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATHEEAVAAMSKDRA  
 NMQHRYIELFLNSTTGASNGAYSSQVMQMGVSAQAATYSGLESQSVSGCYGAGYSGQNSMGGYD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

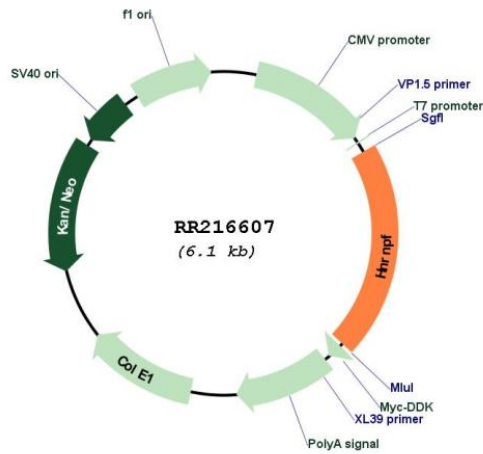
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_001037286

<b>ORF Size:</b>	1245 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001037286.1</a> , <a href="#">NP_001032363.1</a>
<b>RefSeq Size:</b>	2253 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	64200
<b>UniProt ID:</b>	<a href="#">Q794E4</a>
<b>Cytogenetics:</b>	4q42
<b>MW:</b>	45.7 kDa
<b>Gene Summary:</b>	a pre-mRNA splicing factor that may be involved in the coordination of transcription and splicing [RGD, Feb 2006]