

Product datasheet for **RR200320**

Hnrnpf (NM_001037287) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpf (NM_001037287) 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:	>RR200320 representing NM_001037287 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGCTGGCCCTGAGGGAGGTGAAGGCTATGTGGTCAAACCTCCGTGGCCTACCCTGGTCTGCTCAA
TTGAGGACGTACAAAACCTCCTCTCCGACTGCACAATTCATGATGGGTTCGAGGTTCATTTCATTTA
TACTAGAGAAGGCAGGCAGAGTGGTGGGCTTTTGTGAACTTGAGTCAGAAGATGATGTAAAATTGGCT
CTGAAAAAAGACAGGAAAGCATGGGACACCGGTATATTGAGGTGTTCAAGTCACACAGAACCAGATGG
ATTGGGTGTTGAAGCACAGTGGTCCAAACAGCGCCGACAGTGCCAATGATGGCTTTGTGAGGCTTCGGGG
ACTCCCGTTTGGATGCACAAAGGAAGAAATCGTTCAGTCTTCTCAGGGTTGAAATTTGTGCCAAACGGG
ATCACACTACCTGTGGACCCGGAAGCAAGATTACAGGGGAGGCCTTCGTTTCAGTTTGCCTCACAAAGAGT
TAGCCGAGAAAGCTTTAGGAAGCACAAGGAGAGAATAGGGCACAGGTATATTGAAGTGTCAAGAGCAG
TCAGGAGGAAGTTAGGTCATACTCAGATCCACCTCTGAAGTTTATGTCTGTGCAGAGGCCTGGCCTTAT
GACAGCCTGGCACAGCCCGGAGGTACATTGGCATTGTGAAACAGGCAGGCCTGGATAGGATGAGGCTCG
GTGCCTATAGTGCAGGCTATGGGGCTATGAAGAATACAGTGGCCTCAGTGATGGCTATGGCTTACCAC
TGACCTGTTGGGAGAGACCTCAGCTATTGTCTCTCAGGAATGTATGATCACAGATACGGAGACAGCGAG
TTCACAGTGCAGAGCACCCCGCCACTGCGTCCACATGAGAGGGCTGCCCTACAAGCAACGGAGAACG
ACATTTACAACCTTCTCTCCACTCAACCCTGTGAGAGTTTCAATTGAGATTGGTCTGATGGAAGAGT
GACCGGAGAAGCTGATGTTGAGTTTGCTACTCATGAAGAAGCAGTGGCAGCTATGTCCAAGGACAGGGCC
AACATGCAGCACAGATACATAGAATCTTCTGAATTCAACAACAGGAGCTAGCAATGGGCTTATAGCA
GCCAGGTGATGCAGGGCATGGGTGTGTGAGCTGCCAGGCAACTACAGTGGCCTGGAGAGCCAGTCAGT
GAGTGGCTGTTACGGGGCCGGCTACAGCGGTGAGAACAGCATGGGTGGATATGAT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200320 representing NM_001037287
Red=Cloning site Green=Tags(s)

MMLGPEGGEGYVVKLRGLPWSCSIEDVQNFLSDCTIHDGVAGVHFITYTREGRQSGEAFVELESEDDVKLA
 LKKDRESMGHRYIEVFKSHRTEMDWVLKHSGPSNADSANDGFVRLRGLPFGCTKEEIVQFFSGLEIVPNG
 ITLPVDPEGKITGEAFVQFASQELA EKALGKHKERIGHRYIEVFKSSQEEVRSYSDPPLKFM SVQRP GPY
 DRPGTARRYIGIVKQAGLDRMRSGAYSAGYGGYEEYSGLSGDYGF TTDLFGRDLSYCLSGMYDHR YGDSE
 FTVQSTTGHCVHMRGLPYKATENDIYNFFSPLNPVRVHIEIGPDGRVTGEADVEFATHEEAVAAMSKDRA
 NMQHRYIELFLNSTTGASNGAYSSQVMQMGVSAQAATYSGLESQSVSGCYGAGYSGQNSMGGYD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

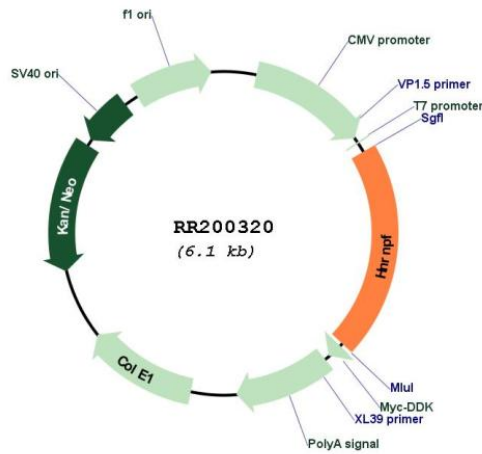
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037287

ORF Size:	1245 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:	<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:	NM_001037287.1 , NP_001032364.1
RefSeq Size:	2168 bp
RefSeq ORF:	1248 bp
Locus ID:	64200
UniProt ID:	Q794E4
Cytogenetics:	4q42
MW:	45.7 kDa
Gene Summary:	a pre-mRNA splicing factor that may be involved in the coordination of transcription and splicing [RGD, Feb 2006]