

Product datasheet for **RR200290**

Hnrnpl (NM_032619) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpl (NM_032619) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpl
Synonyms:	hnrnp-L; Hnrpl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR200290 representing NM_032619
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCGGAGGCTGCTGCCCGGGCGGAGAAGCGGCGTCGGCGGCTCGAGCAGAGGCAGCAGCCGGACG
 AGCAGCTGAGGCGGGCGGAGCGATGGTGAAGATGGCGGCGGCGGCGGAGGCGGCGGTGGTCGCTA
 TTACGGCGGGCGCAACGAGGGAGCCGAGCCCTAAACGGCTGAAGACTGAAAACGCCGGCGACCAACAC
 GGAGGAGCGGCGGTGGAGGATCCGGGGCGGGCGGCGGCGGGGAGAAGTACGATGACCCCCACA
 AAACCCCTGCCTCCCAGTTGTTACATCAGGGGCTGATTGACGGGTGGTGAAGCCGACCTTGTGGA
 AGCCCTGCAAGAATTTGGACCCATCAGCTATGTTGTTGATGCCAAAGAAGAGGCAGGCACTGGTAGAG
 TTTGAAGATGTGCTGGGGCTTGAATGCAGTAACTACGCTGCAGACAACCAGATCTACATTGCTGGTC
 ACCCTGCTTTTGTCAATTATTCTACCAGCCAGAAGATCTCTGCCCGGTGACTCTGATGACTCCGGAG
 CGTCAACAGTGTGCTTCTGTTTACCATCTGAACCCATCTACTCCATAACCACGGATGTTCTTTACT
 ATCTGTAATCCTTGTGGCCCTGTCCAGAGAATTGTCATTTCCGGAAGAATGGAGTCCAGGCTATGGTGG
 AGTTTGATTCTGTGCAAAGTGCCAGCGCGCTAAGGCCTCACTGAATGGGCTGACATCTATTCTGGCTG
 TTGCACTCTGAAGATTGAGTACGCAAAGCTACACGTTTAAATGTGTTCAAGAACGATCAAGATACTTGG
 GACTACACAAACCCCAATCTCAGTGGACAAGGTGACCCTGGCAGTAAACCCCAACAAACGCCAGCGGACG
 CCCCTCTCTGGGAGATCATCCCGCAGAATATGGAGGGCCCCATGGTGGTACCACAGCCATTACCATGA
 TGAGGGCTACGGGCCCCCACCTCACTACGAAGGGAGAAGGATGGGCCACCTGTGGGGGTCAACCGC
 CGGGCCCAAGTCGCTATGGCCCCAGTATGGTCATCCCCACCCCTCCCCACCACCGACTATGGCC
 CCCACGTCAGACCCCTGTGCTCATGGTCTATGGCTTGGATCAATCTAAGATGAAGTGTGATCGAGTCTT
 CAATGTCTCTGCTTGTATGGCAATGTGGAGAAGGTGAAATTTATGAAAAGCAAGCCGGGGCGCCATG
 GTGGAGATGGCTGATGGCTATGCTGTGGACCGAGCCATTACTCACCTCAACAACAACCTTCTGTTGGGC
 AGAAGATGAATGTCTGTCTCCAAGCAACCAGCCATTATGCCCGGTGAGTCAATGGGCTAGAAGACGG
 ATCTTGCAGTTACAAAGACTTCAGCGAGTCAAGGAACAATCGGTTCTCTACTCCAGAGCAGGCAGCTAAG
 AACCGCATCCAGCACCTAGCAATGTTCTGCATCTTCAATGCTCCCCTGGAGGTGACTGAGGAGAAGT
 TCTTTGAGATCTGCGATGAAGTGGGAGTGAAGCGGCAACCTCTGTGAAAGTATTTTCAGGCAAAAGCGA
 GCGTAGCTCTCTGGGCTGCTGGAGTGGGACTCCAAGAGTACGCGCTGGAGACCTTGGGCTTCTGAAC
 CATTACCAGATGAAAACCCAAATGGCCCGTATCCATACACTCTGAAGTTGTGCTTCTCCACCGCACAGC
 ACGCCTCC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200290 representing NM_032619
 Red=Cloning site Green=Tags(s)

MSRRLLPRAEKRRRRLERQRPDEQLRRAGAMVKMAAAGGGGGGRYYGGNEGGRAPKRLKTENAGDQH
 GGGGGGSGAAGGGGENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVVMPKKRQALVE
 FEDVLGACNAVNYAADNQIYIAGHPAFVNYSTSQKISRPGSDSDSRVNSVLLFTILNPIYSITTDVLYT
 ICNCPGPVQRIVIFRKNQVQAMVEFDSVQSAQRAKASLNGADIYSGCCTLKIEYAKPTRLNVFKNDQDTW
 DYTNPNSGQDPPGSPNKRQRQPPLLGDHPAEYGGPHGGYHSHYHDEGYPPPPHYEGRRMGPPVGGHR
 RGPSTRYGPQYGHPPPPPPDYGPHADSPVLMVYGLDQSKMNCDFVNFVCLYGNVEKVKFMKSKPGAAM
 VEMADGYAVDRAITHLNNFMFGQKMNVCVSKQPAIMPQSYGLEEDGSCSYKDFSESRRNRFSTPEQAAK
 NRIQHPSNVLHFNAPLEVTENFFEICDELGVKRPTSVKVFSGKSERSSSGLLEWDSKSDALETLGFLN
 HYQMKNPNGPYPYTLKLCFSTAQHAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

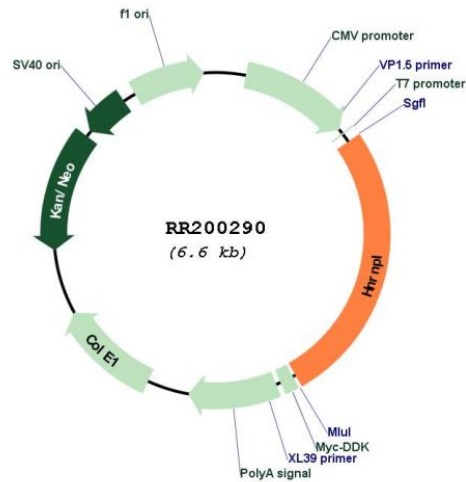
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_032619

ORF Size: 1758 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_032619.2 , NP_116008.2
RefSeq Size:	2074 bp
RefSeq ORF:	1761 bp
Locus ID:	80846
Cytogenetics:	1q21
MW:	64 kDa
Gene Summary:	expression is down regulated in the striatum and pre-frontal cortex following treatment with melanocyte-stimulating hormone release inhibiting factor-1 tripeptide Pro-Leu-Gly-NH(2) [RGD, Feb 2006]