

## Product datasheet for **RR200291**

### **Hnrnpl (NM\_001134760) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hnrnpl (NM_001134760) 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



[View online »](#)

**ORF Nucleotide Sequence:**

>RR200291 representing NM\_001134760  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGGGAGGCTGCTGCCCGGGCGGAGAAGCGGCGTCGGCGGCTCGAGCAGAGGCAGCAGCCGGACG  
 AGCAGCTGAGGCGGGCGGAGCGATGGTGAAGATGGCGGCGGGCGGGAGGCGGGTGGTCGCTA  
 TTACGGCGGGCGCAACGAGGGAGCCGAGCCCTAAACGGCTGAAGACTGAAAACGCCGGCGAACAC  
 GGAGGAGCGGGTGGAGGATCCGGGGCGGGCGGGCGGGGAGAAGTACGATGACCCCCACA  
 AAACCCCTGCCTCCCAAGTTGTTACATCAGGGGCTGATTGACGGGTGGTGAAGCCGACCTTGGA  
 AGCCCTGCAAGAATTTGGACCCATCAGCTATGTTGGTGGTATGCCAAAGAAGAGGCAGGCACTGGTAGAG  
 TTTGAAGATGTGCTGGGGCTTGAATGCAGTAACTACGCTGCAGACAACCAGATCTACATTGCTGGTC  
 ACCCTGCTTTTGTCAATTATTCTACCAGCCAGAAGATCTCTCGCCCGGTGACTCTGATGACTCCGGAG  
 CGTCAACAGTGTGCTTCTGTTTACCATCTGAACCCATCTACTCCATAACCACGGATGTTCTTTACT  
 ATCTGTAATCCTTGTGGCCCTGTCCAGAGAATTGTCATTTCCGGAAGAATGGAGTCCAGGCTATGGTGG  
 AGTTTGATTCTGTGCAAAGTGCCAGCGCGCTAAGGCCTCACTGAATGGGGCTGACATCTATTCTGGCTG  
 TTGCACTCTGAAGATTGAGTACGCAAAGCTACACGTTTAAATGTGTTCAAGAACGATCAAGATACTTGG  
 GACTACACAAACCCCAATCTCAGTGGACAAGGTGACCCTGGCAGTAAACCCCAACAAACGCCAGCGGCAGC  
 CCCCTCTCTGGGAGATCATCCCGCAGAATATGGTGGGGCAGGGGGTCCCCTCCGTGGACTCCCGTGG  
 CTCATGTGCCCTGCCGTCGTCGCGCGGAAAATTCTCACCCGTCCTCCCTCTTTTCTTCCCACCC  
 CCAGGAGGGCCCATGGTGGTACCACAGCCATTACCATGATGAGGGCTACGGGCCCCCCCCACCTCACT  
 ACGAAGGGAGAAGGATGGGCCACCTGTGGGGGTCAACCGGGGCCAAAGTCGATATGGCCCCCAGTA  
 TGGTCATCCCCCACCCTCCCCACCACCCGACTATGGCCCCACGCTGACAGCCCTGTGCTCATGGTC  
 TATGGCTTGATCAATCTAAGATGAAGTGTGATCGAGTCTTCAATGTCTTCTGCTGTATGGCAATGTGG  
 AGAAGGTGAAATTTATGAAAAGCAAGCCGGGGCCGCATGGTGGAGATGGCTGATGGCTATGCTGTGGA  
 CCGAGCCATTACTCACCTCAACAACAATTCATGTTGGGCGAGAAGATGAATGTCTGTGTCTCAAGCAA  
 CCAGCCATTATGCCCGGTGAGTCAATGGGCTAGAAGACGGATCTTGCAGTTACAAAGACTTCAGCGAGT  
 CAAGGAACAATCGTTCTCTACTCCAGAGCAGGCAGCTAAGAACCGCATCCAGCACCTAGCAATGTTCT  
 GCCTTCTTCAATGCTCCCTGGAGGTGACTGAGGAGAACTTCTTTGAGATCTGCGATGAACTGGGAGTG  
 AAGCGCCAACCTCTGTGAAAGTATTTTACGGCAAAGCGAGCGTAGCTCCTCTGGGCTGCTGGAGTGGG  
 ACTCCAAGAGTACGCCCTGGAGACCTTGGGCTTCTTGAACCATACCAGATGAAAACCCCAATGGCCC  
 GTATCCATACACTCTGAAGTTGTGCTTCTCCACCGCACAGCACGCCTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

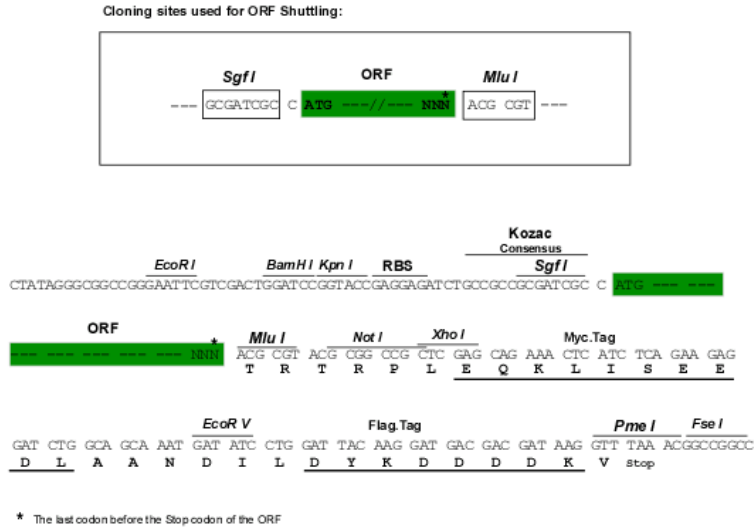
>RR200291 representing NM\_001134760  
 Red=Cloning site Green=Tags(s)

MSRRLLPRAEKRRRRLEQRQPDEQLRRAGAMVKMAAAGGGGGGRYYGGNEGGRAPKRLKTENAGDQH  
 GGGGGGSGAAGGGGENYDDPHKTPASPVVHIRGLIDGVVEADLVEALQEFGPISYVVVMPKQRALVE  
 FEDVLGACNAVNYAADNQIYIAGHPAFVNYSTSQKISRPGSDSDSRVNSVLLFTILNPIYSITTDVLYT  
 ICNPGPVQRIVIFRKNQVQAMVEFDSVQSAQRAKASLNGADIYSGCCTLKEIYAKPTRLNVFKNDQDTW  
 DYTNPNSGQDPPGSPNKRQRQPPLLDHPAIEYGEGRGFPVDSRGSAPARRPPRKFSPVLPFPSPH  
 PGGPHGGYHSHYHDEGYPPPHYEGRRMGPPVGGHRRGSPRYGPQYGHPPPPPPDYGPHADSPVLMV  
 YGLDQSKMNCNDRVFNFLYGNVEKVKFMKSKPGAAMVEMADGYAVDRAITHLNNFMFGQKMNVCVSKQ  
 PAIMPQSYGLEDGSCSYKDFSESRRNRFSTPEQAAKNRIQHPSNVLHFFNAPLEVTEENFFEICDELGV  
 KRPTSVKVFSGKSERSSSGLLEWDSKSDALETLGFLNHYQMKNPNPYPYTLKLCFSTAQHAS

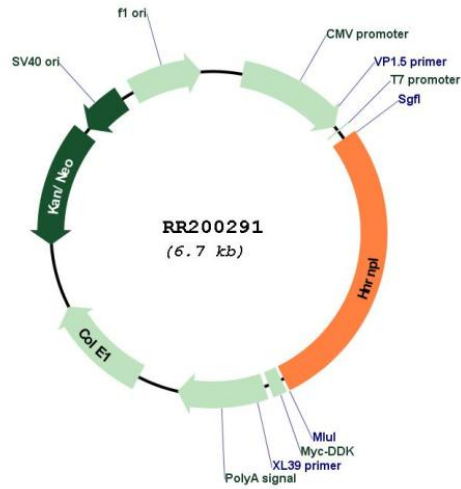
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001134760

ORF Size: 1869 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_001134760.1</a> , <a href="#">NP_001128232.1</a>
<b>RefSeq Size:</b>	2185 bp
<b>RefSeq ORF:</b>	1872 bp
<b>Locus ID:</b>	80846
<b>UniProt ID:</b>	<a href="#">F1LQ48</a>
<b>Cytogenetics:</b>	1q21
<b>MW:</b>	67.9 kDa
<b>Gene Summary:</b>	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]