

## Product datasheet for **RR209966**

### Hnrnpu (NM\_057139) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpu (NM_057139) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnpu
Synonyms:	hnRNP U; Hnrpu; SAF-A; SN1; SP120
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RR209966 representing NM\_057139  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTTCCTCGCCTGTTAATGTCAAGAAGCTGAAGGTGTCGGAGCTGAAGGAGGAGCTCAAGAAGCGGC  
 GCCTCTCAGACAAGGGCCTCAAGGCCGATCTCATTGGATCGACTCCAGGCCGCGCTGGACAACGAGGCAGG  
 AGGCCGCCCGCCATGGAGCCCGGGAACGGCAGCCTCGACCTGGGTGGCGATGCGGCCGGGCGCTCGGGA  
 GCAGGCCCTAGAGCAGGAGGCCGCGGGCCGGCGCCGAAGACGATGAGGAGGAGGAGGCATTGCCGCTCTGG  
 ACGGCCACAGATGGAGCTGGCGGAGGAGAACGGGGCGCGGGGGCGGCTGACGCGGGCGCGATGGAGGA  
 GGAGGAGGCGCGTGGGAAGACGAGAACGGCGACGACCAGGGCTTCCAGGAGGGGAGGACGAGCTCGGC  
 GACGAAGAGGAGGGCGCGGGGACGAGAACGGCCACGGGGAGCAGCAGTCCCAACCGCGCGCGCGCGC  
 AGCAGGCTTCTCAGCAGCGCGGGCTGGCAAGGAGGCCGCGGGGAAAAGCAGCGGCCACCTCGCTCTT  
 CGCGGTGACGGTGGCGCCAGGGGCGAGGCAGGGCCAAACAGCAGGCGGAGGAGACGGCAAAACAGAA  
 CAGAAAGCTGGAGATAAAAAGAGAGGTGTTAAAAGACCCCGGAAGATCATGGCCGAGGATATTTGAGT  
 ACATTGAAGAAAACAAGTACAGCAGAGCCAAGTCTCCTCAGCCACCTGTTGAAGAAGAAGACGAACACTT  
 CGATGACACAGTGGTTTGTCTTGATACTTATAATTGTGATCTGCATTTTAAAATATCAAGAGACCGTCTC  
 AGTGCTTCTTCCCTTACTATGGAGAGTTTCGCTTTTCTTTGGGCTGGAGGAAGAGCTTCTTATGGTGTGT  
 CAAAAGGCAAAGTCTGCTTTGAGATGAAGTTACAGAGAAGATCCAGTAAGACATTTATACAAAAGA  
 TATTGATATACATGAAGTTCGGATTGGCTGGTCACTAACCACAAGTGGATGTTGCTTGGTGAAGAAGAA  
 TTTTCTTATGGGTATTCTCTGAAAGGAATAAAAACCTGCAACTGTGAGACAGAAGATTATGGAGAGAAT  
 TTGATGAAAATGATGTGATTACGTGCTTTGCTAACTTTGAGACTGATGAAGTTGAACTCTTTACGCCAA  
 GAATGGACAAGATCTTGGTGTGCTTTAAGATTAGTAAGGAAGTTCTTGTGCTGACCGGCCATTATCCCC  
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 CTGAAGACTGTACTTTTTATCCAAAATGTCCATTAGAGGACCGAGTCAAGGACCAAAAAGGACCTGAAGA  
 GAAGAAGGATTGTGAAGTTGTGATGATGATTGGCTTGCCAGGAGCTGGAAAAACTACCTGGGTTACTAAA  
 CATGCAGCTGAAAACCTGGGAAATATAACATTCTTGAACAAACACTATTATGGACAAAATGATGGTGG  
 CAGGCTTTAAGAAGCAAATGGCAGATACTGAAAACCTGAACACACTGTTGCAGAGAGCCCCACAGTGTCT  
 TGGCAAGTTTATTGAGATTGCTGCCGAAAGAAGCGAAATTTTATTCTGGATCAGACAAAATGTGTCTGCT  
 GCTGCCAGAGGAGAAAAATGTGCTGTTTGCAGGCTTCCAACGAAAAGCCGTGGTCTTTGCCAAAAG  
 ACGAAGACTATAAGCAGAGGACACAGAAGAAAGCGGAAGTAGAGGGGAAAGACCTACCAGAGCATGCTGT  
 CCTCAAGATGAAAGGAAACTTACCCTTCCAGAGGTTGCAGAGTGTTTTGTGAAATAACCTATGTTGAA  
 CTTCAGAAGGAGGAAGCCAGAAGCTTTTGGAGCAATATAAAGAAGAAAGCAAAAAGGCACTGCCACCAG  
 AAAAAAGCAAAACACTGGCTCAAAGAAAAGCAATAAAAAAAGAGTGGCAAGAACCAGTTCAACAGAGG  
 TGGTGGCCATAGAGGACGTGGAGGATTCATATGCGTGGTGGCAATTTCAAGGGGGAGCTCCTGGGAAT  
 CGTGGTGGATATAATAGGAGAGGCAACATGCCCCAGAGAGGTGGTGGCGCGGAAGTGGTGGAAATGGCT  
 ATCCATAACCCGCTGGCCCTGTCTTTCTGGCCGAGGTGGTACTCAAACAGAGGAAATACAACAGAGG  
 TGAATGCCAACAGAGGAACTATAACCAGAACTTCAGAGGACGAGGAAATAATCGTGGCTACAAAAAT  
 CAATCTAGGGCTACAACCAAGTGGCAGCAGGGTCAATTCGGGGTCAAGGCCATGGAGTCAGCATTATC  
 ACCAAGGATATTAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



Cloning Scheme:



ACCN: NM\_057139

ORF Size: 2394 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:**

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\\_057139.2](#), [NP\\_476480.2](#)

**RefSeq Size:** 3380 bp

**RefSeq ORF:** 2397 bp

**Locus ID:** 117280

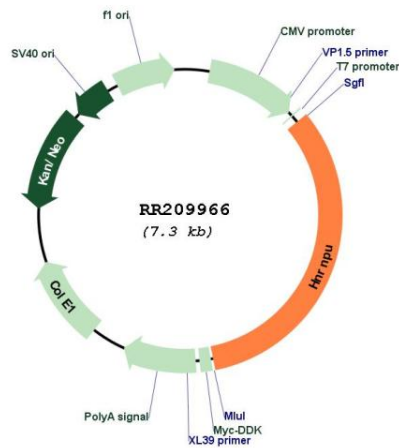
**UniProt ID:** [Q6IMY8](#)

**Cytogenetics:** 13q25

**MW:** 87.7 kDa

**Gene Summary:** may be involved in glutamate transport and synaptogenesis [RGD, Feb 2006]

**Product images:**



Circular map for RR209966