

Product datasheet for **RN209966**

Hnrnpu (NM_057139) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnpu (NM_057139) Rat Untagged Clone
Tag:	Tag Free
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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Fully Sequenced ORF: >RN209966 representing NM_057139
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTTCCTCGCCTGTTAATGTCAAGAAGCTGAAGGTGTCGGAGCTGAAGGAGGAGCTCAAGAAGCGGC
 GCCTCTCAGACAAGGGCCTCAAGGCCGATCTCATGGATCGACTCCAGGCCGCGCTGGACAACGAGGCAGG
 AGGCCGCCCGCCATGGAGCCCGGGAACGGCAGCCTCGACCTGGGTGGCGATGCGGCCGGGCGCTCGGGA
 GCAGGCCCTAGAGCAGGAGGCCGCGGGCCGGCGCGGAAGACGATGAGGAGGAGGAGGCATTGCCGCTCTGG
 ACGGCCACAGATGGAGCTGGCGGAGGAGAACGGGGCGGGGGCGGCTGACGCGGGCGCGATGGAGGA
 GGAGGAGGCGCGTGGGAAGACGAGAACGGCGACGACCAGGGCTTCCAGGAGGGGAGGACGAGCTCGGC
 GACGAAGAGGAGGGCGGGGCGACGAGAACGGCCACGGGGAGCAGCAGTCCCAACCGCGGGCGGGCGGC
 AGCAGGCTTCTCAGCAGCGGGCCTGGCAAGGAGGCCGGGGAAAAGCAGCGGCCACCTCGCTCTT
 CGCGGTGACGGTGGCGCCAGGGGCGAGGCAGGGCCAAACAGCAGGCGGGAGGAGACGGCAAAACAGAA
 CAGAAAGCTGGAGATAAAAAGAGAGGTGTTAAAAGACCCCGGAAGATCATGGCCGAGGATATTTGAGT
 ACATTGAAGAAAACAAGTACAGCAGAGCCAAGTCTCCTCAGCCACCTGTTGAAGAAGAAGACGAACACTT
 CGATGACACAGTGGTTTGTCTTGATACTTATAATTGTGATCTGCATTTTAAAATATCAAGAGACCGTCTC
 AGTGCTTCTTCCCTTACTATGGAGAGTTTCGCTTTTCTTTGGGCTGGAGGAAGAGCTTCTTATGGTGTGT
 CAAAAGGCAAAGTCTGCTTTGAGATGAAGTTACAGAGAAGATCCAGTAAGACATTTATACAAAAGA
 TATTGATATACATGAAGTTCGGATTGGCTGGTCACTAACCACAAGTGGAAATGTTGCTTGGTGAAGAAGAA
 TTTTCTTATGGTATTCTCTGAAAGGAATAAAAACCTGCAACTGTGAGACAGAAGATTATGGAGAGAAT
 TTGATGAAAATGATGTGATTACGTGCTTTGCTAACTTTGAGACTGATGAAGTTGAACTCTTTACGCCAA
 GAATGGACAAGATCTTGGTGTGCTTTAAGATTAGTAAGGAAGTTCTTGTGCTGACCGCCATTATTTCCCC
 CATGTTCTCTGCCATAACTGTGCAGTTGAGTTAATTTTGGTCAAAGGAAAAGCCATACTTTCCAATAC
 CTGAAGACTGTACTTTTTATCCAAAATGTCCATTAGAGGACCGAGTCAAGGACCAAAAAGGACCTGAAGA
 GAAGAAGGATTGTGAAGTTGTGATGATGATTGGCTTGCCAGGAGCTGGAAAACTACCTGGGTTACTAAA
 CATGCAGCTGAAAACCTGGGAAATATAACATTCTTGAACAAACACTATTATGGACAAAATGATGGTGG
 CAGGCTTAAAGAAGCAAATGGCAGATACTGAAAACCTGAACACACTGTTGCAGAGAGCCCCACAGTGTCT
 TGGCAAGTTTATTGAGATTGCTGCCGAAAGAAGCGAAATTTTATTCTGGATCAGACAAAATGTGTCTGCT
 GCTGCCAGAGGAGAAAAATGTGCTGTTTGCAGGCTTCCAACGAAAAGCCGTGGTCTTTGCCAAAAG
 ACGAAGACTATAAGCAGAGGACACAGAAGAAAGCGGAAGTAGAGGGGAAAGACCTACCAGAGCATGCTGT
 CCTCAAGATGAAAGGAAACTTACCCTTCCAGAGGTTGCAGAGTGTGTTGATGAAATAACCTATGTTGAA
 CTTCAGAAGGAGGAAGCCAGAAGCTTTTGGAGCAATATAAAGAAGAAAGCAAAAAGGCACTGCCACCAG
 AAAAAAGCAAAACACTGGCTCAAAGAAAAGCAATAAAAAAAGAGTGGCAAGAACCAGTTCAACAGAGG
 TGGTGGCCATAGAGGACGTGGAGGATTCATATGCGTGGTGGCAATTTCAAGGGGGAGCTCCTGGGAAT
 CGTGGTGGATATAATAGGAGAGGCAACATGCCCCAGAGAGGTGGTGGCGGGAAGTGGTGGAAATGGCT
 ATCCATAACCCGCTGGCCCTGTCTTTCTGGCCGAGGTGGTACTCAAACAGAGGAAATACAACAGAGG
 TGAATGCCAACAGAGGGAATAAACCAGAACTTCAGAGACGAGGAAATAATCGTGGCTACAAAAAT
 CAATCTCAGGGCTACAACCAAGTGGCAGCAGGGTCAATTCGGGGTCAAGGCCATGGAGTCAGCATTATC
 ACCAAGGATATTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_057139
Insert Size: 2397 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_057139.2 , NP_476480.2
RefSeq Size:	3380 bp
RefSeq ORF:	2397 bp
Locus ID:	117280
UniProt ID:	Q6IMY8
Cytogenetics:	13q25
Gene Summary:	may be involved in glutamate transport and synaptogenesis [RGD, Feb 2006]