

Product datasheet for **MC219427**

HnrnpII (NM_144802) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HnrnpII (NM_144802) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	HnrnpII
Synonyms:	2510028H02Rik; 2810036L13Rik; AI256697; AI852082; HnrpII
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219427 representing NM_144802
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCTCCTCCTCCTCCTCCTCCCCAAGGAGGAGACGTACGAGGAGGACCGGGAGTTCGAGAGCCAGG
 CCAAGCGCCTCAAGACCGAGGAGGAGAGATCGTCTACTCGGCCGAGGAGCGAGAATCGCCAGGAAGC
 GACGCCTCAGGCGGGGAGCGATAGCGACAGCGCGCGCGACGAGGCGACGGAGACGGAGGCAGCGGC
 GGCGGCGCGACGGCGAGGAAGGCGAAGGTGGAGAAGAAGGCGACGAAGGCGACGGCGATGAGGGAGGGA
 GCGGCGGCGACGAAGGTGGCAGCGCGGTGGCCCTCGGAGCATGCCCTGTCCACGGAGGGAGGTGGAAG
 TCATCATAAAGTTTCTGTTCCCTGTTGTCCATGTTGAGGGCTCTGTGAATCTGTTGTGAAGCTGAC
 CTTGTGGAGGCACTGGAGAAATTTGGGACAATATGCTATGTGATGATGATGCCATTTAAACGACAGGCTC
 TCGTGGAGTTTGAATATAGATAGTCCAAAGAATGTGTGACATTTGCTGCAGATGTGCTGTGTACAT
 TGCTGGCCAGCAGGCTTTCTTCAACTATTCTACAAGTAAAGAATCACTCGGCCAGGAAATACCGACGAT
 CCATCAGGGGGCAACAAAGTGCTCTTGCTCTATTGAGAAATCCTTTACCCAATTACGGTGGATGTTT
 TGTATACTGTATGCAACCTGTTGGAAAAGTACAGCGTATTGTTATCTTCAAGAGAAATGGGATACAAGC
 AATGGTTGAGTTTGTGAGTCACTCTTTCGCCCGAGAAAGGCTAAAGCAGCACTCAATGGAGCTGATATAT
 GCCGGATGTTGCACACTAAAAATGAATATGCAAGGCCAACTCGTCTAAATGTTATTAGGAATGACAATG
 ACAGTTGGGACTACACTAAACCTTATTTGGGAAGACGAGATAGAGGAAAGGTCGCCAGAGACAAGCCAT
 TTTGGGAGACCCTCTTCTGTTTAGACATGATGGCTATGGATCGCATGGTCCGCTACTGCCTTTACCA
 AGTCGTTATAGAATGGGCTCTAGAGATACACCTGAACCTTGTGCTTATCCATTACCACAAGCGTCTTCCT
 CTTACATGCATGGAGGCACTCCGCTCGGCTCGTTGTAATGGTTAGTGGATTACATCAGCTCAAAATGAA
 TTGTTCAAGAGTCTTCAACCTGTTCTGCTTGTATGGAAATATTGAAAAGGTAAAGTTTATGAAGACCATT
 CCTGGCACAGCACTCGTAGAAATGGGTGACGAGTACGCTGTGAAAGAGCTGTACCCACCTTAATAATG
 TCAAACTCTTTGGGAAAAGACTTAATGTTGTGTCTAAACAGCACTCAGTTGTTCCAGTCAAAATATT
 TGAGCTAGAGGATGGTACGAGCAGCTACAAAGATTTTGAATGAGCAAAAATAATCGCTTTACAAGTGCT
 GGACAAGCATCTAAGAATATAATCCAGCCACCGTCATGTGTGCTGCATTATTACAATGTTCCGCTGTGTG
 TCACAGAAGAGACCTTCACAAAGTTGTGAACGACCACGAAGTTCTCCGTTTCATCAAAATATAAAGTGT
 TGACGCGAAAGCTTCCGCGAAAACCTCTGTCTGGGCTATTGGAGTGAAGTGCAAACTGATGCCGTGGAA
 GCTCTCACTGCGCTCAATCACTACCAGATACGAGTCCGAATGGATCCAACCCCTATACGTTGAAGCTTT
 GCTTTTCTACATCATCCCATTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_144802

Insert Size: 1776 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_144802.4</u> , <u>NP_659051.3</u>
RefSeq Size:	3050 bp
RefSeq ORF:	1776 bp
Locus ID:	72692
UniProt ID:	<u>Q921F4</u>
Cytogenetics:	17 E3
Gene Summary:	RNA-binding protein that functions as regulator of alternative splicing for multiple target mRNAs, including PTPRC/CD45 and STAT5A. Required for alternative splicing of PTPRC. [UniProtKB/Swiss-Prot Function]