

## Product datasheet for **MC217893**

### **HnrpII (BC012849) Mouse Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | HnrpII (BC012849) Mouse Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | HnrpII                                 |
| Synonyms:          | PHGPx                                  |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >BC012849  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTCCACCTCCTCCTCCTCCCAAGGAGGAGACGTACGAGGAGGACCGGGAGTTCGAGAGCCAGG  
 CCAAGCGCCTCAAGACCGAGGAGGGAGAGATCGTCTACTCGGCCGAGGAGAGCGAGAATCGCCAGGAAGC  
 GACGCCTCAGGCGGGGAGCGATAGCGACAGCGGCGGCGGCGACGAGGCGACGGAGACGGAGGCAGCGGC  
 GGCGGCGGCGACGGGAGGAAGGCGAAGGTGGAGAAGAAGGCGACGAAGGCGACGGCGATGAGGGAGGGA  
 GCGGCGGCGACGAAGGCGGACGGCGGTGGCGGCGGCGCCCTCGGAGCATGCCCTGTCCACGGAGGG  
 AGGTGGAAGTCATCATAAAGTTTCTGTTCCCTGTTGTCATGTTGAGGGCTCTGTGAATCTGTTGTG  
 GAAGCTGACCTTGTGGAGGCACTGGAGAAATTTGGACAATATGCTATGTGATGATGCCATTTAAAC  
 GACAGGCTCTCGTGGAGTTTAAAAATAGATAGTCCAAAGAATGTGTGACATTTGCTGCAGATGTGCC  
 TGTGTACATTGCTGGCCAGCAGGCTTTCTCAACTATTCTACAAGTAAAAGAATCACTCGGCCAGGAAAT  
 ACCGACGATCCATCAGGGGGCAACAAAGTCTTGTCTCTATTTCAGAAATCCTCTTTACCCAATTACGG  
 TGGATGTTCTGTATACTGTATGCAACCCTGTTGGAAAAGTACAGCGTATTGTTATCTTCAAGAGAAATGG  
 GATACAAGCAATGGTTGAGTTTGTGAGTCACTTTGCGCCAGAAAGGCTAAAGCAGCACTCAATGGAGCT  
 GATATATATGCTGGATGTTGCACACTAAAAATGAATATGCAAGGCCAACTCGTCTAAATGTTATTAGGA  
 ATGACAATGACAGTTGGGACTACACTAAACCTTATTTGGGAAGACGAGATAGAGGAAAGGGTCGCCAGAG  
 ACAAGCCATTTGGGAGACCATCCTTCTCGTTTAGACATGATGGCTATGGATCGCATGGTCCGCTACTG  
 CCTTTACCAAGTCGTTATAGAATGGGCTCTAGAGATACACCTGAACCTGTTGCTTATCCGTTACCACAAG  
 CGTCTTCTCTTACATGCATGGAGGCACTCCGCTGGCTCCGTTGTAATGGTTAGTGGATTACATCAGCT  
 CAAAATGAATTGTTCAAGAGTCTTCAACCTGTTCTGCTTGTATGGAAATATTGAAAAGGTAAGTTTATG  
 AAGACCATTCTGGCACAGCACTTGTAGAAATGGGTGACGAGTATGCTGTGGAAAGAGCTGTCAACCACC  
 TTAATAATGTCAAACCTTTGGGAAAAGACTTAATGTTTGTGTCTAAACAGCACTCAGTTGTTCCAG  
 TCAAATATTTGAGCTAGAGGATGGTACGAGCAGCTACAAAGATTTTGCAATGAGCAAAAATAATCGCTTT  
 ACAAGTGTGGACAAGCATCTAAGAATATAATCCAGCCACCGTCATGTGTGCTGCATTATTACAATGTT  
 CGCTGTGTGTACAGAAGAGACCTTCAAAAGTTGTGAATGACCACGAAGTTCTCCGTTTCATCAAATA  
 TAAAGTGTGGACGCAAGCTTCTGCGAAAACCTGTCTGGGCTATTGGAGTGGAAAGTCAAAAACCTGAT  
 GCCGTGGAAGCTCTCACTGCGCTCAATCACTACCAGATACGAGTCCCGAATGGCTCCAACCCTATACGT  
 TGAAGCTTGTCTTTCTACATCATCCATTATAA

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** BC012849  
**Insert Size:** 1785 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.

**RefSeq:** [BC012849](#), [AAH12849](#)

**RefSeq Size:** 3017 bp

**RefSeq ORF:** 1784 bp

**Locus ID:** 72692

**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]