

## Product datasheet for **RN212911**

### Hpse (NM\_022605) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hpse (NM_022605) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hpse
Synonyms:	Hep; Hpa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN212911 representing NM\_022605  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCGGCCGCTGCTGCTGTGGCTCTGGGGCGGCTCCGTGCCCTGACCCAAGGCACTCCGGCGG  
 GGACCGCGCCGACCAAGGACGTGGTGGACTTGGAGTTTTACACCAAGAGGCTATTCCAAAGCGTGAGTCC  
 CTGTTTCTGTCCATCACCATCGACGCCAGCCTGGCCACCGACCCCTCGGTTCTCACCTTCTGGGCTCT  
 CCACGGCTTCGAGCCCTGGCTAGAGGCTTATCTCTGCGTACTTGAGATTTGGCGGCACCAAGACTGACT  
 TCCTTATTTTTGATCCCAACAAGGAACCCACCTCTGAAGAAAGAAGTTACTGGCAATCTCAAGACAACAA  
 TGATATTTGCGGGTCTGAGCGGGTCTCTGCTGACGTGTTGAGGAACTCCAGATGGAGTGGCCCTCCAG  
 GAGCTGCTGCTCGGAGAACAGTACCAAGAGAATTCAAGAACAGCACCTACTCACGAAGCTCGGTGG  
 ACATGCTCTACAGTTTTGCTAAGTGCTCGAGGTTAGACCTGATCTTTGGTCTAAATGCGTTACTAAGAAC  
 CCCAGACTTGGGTGGAACAGCTCCAACGCCAGCTTCTCTCACTACTGCTTCCAAGGTTATAAC  
 ATCTCTGGGAACTGGGCAACGAGCCCAACAGTTTCTGGAAGAAAGCTCAGATTTCCATCGATGGTTGC  
 AGCTAGGAGAAGACTTTGTGGAGTTGCATAAACTTCTACAAAAGTCAGCTTTCCAAAACGCAAACTCTA  
 TGGTCTGACATTGGTCAGCCTCGAGGGAAGACAGTTAAGCTGCTGAGAAGCTTCTGAAGGCTGGTGGGA  
 GAAGTGATTGACTCTCTCACCTGGCATCACTACTTGAATGGACGAGTTGCGACCAAAGAAGATTTTC  
 TGAGCTCTGATGTCTGGACACTTTTATCCTATCTGTGCAAAAAATTCTGAAGGTGACTAAGGAGATGAC  
 ACCTGGCAAGAAGGTCTGGTTGGGAGAGACGAGCTCTGCCTACGGCGCGGAGCGCCCTTGCTGTCCAAT  
 ACCTTTGACGCTGGCTTTATGTGGCTGGATAAATTGGCCTGTCAGCCAGCTGGGGATAGAAGTCGTGA  
 TGAGGCAGGTGTTTTTCGGAGCAGGCACTACCCTTAGTGGACGAAAACCTTCGAGCCCTTGCCCGATTA  
 CTGGCTCTCTCTCTGTTCAAGAACTGGTAGGTCCCAAGGTGTTAATGTCAAGAGTGAAAGGCCAGAC  
 AGAAGCAAACTCCGAGTGTACCTCCACTGCACGAACGTCTATCACCCAAGGTATCGGGAAGGAGATTTAA  
 CTCTGTACGCTCTGAACCTCCATAATGTCACCAAGCACTTGAAGCTGCCGCTCCGATGTTGAGCAGACC  
 GGTGGATAAGTACCTGCTGAAGCCTTTTCGGTCTGACGGACTGCTTTCCAAATCCGTCCAACGAGT  
 CAAACCTGAAGATGGTCGATGAGCAGACCCTGCCAGCTTAACAGAAAAACCTCTCCCCGAGGAAGCT  
 CACTAAGCGTGCCCGCTTTTCTATGGGTTTTTGTGTCATAAGAAATGCCAAAATCGCAGCTTGTATATG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_022605

**Insert Size:** 1611 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:** [NM\\_022605.1](#), [NP\\_072127.1](#)

**RefSeq Size:** 3177 bp

**RefSeq ORF:** 1611 bp

**Locus ID:** 64537

**UniProt ID:** [Q71RP1](#)

**Cytogenetics:** 14p22

**Gene Summary:** endo-beta-glucuronidase capable of cleaving heparan sulfate involved in the regulation of heparin sulfate proteoglycan function [RGD, Feb 2006]