

Product datasheet for **RN213544**

Hpse2 (NM_001135762) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpse2 (NM_001135762) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hpse2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213544 representing NM_001135762
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGGTCTGTGCTTTCCCTGAAGCCATGTCTCCAGCAGCTCCCGCCCCCTCGTGCCTAGCCC
 TGGTGGCTCTCTTCTGGCTCTGCTTCCCTCTCCCTTCCCTTCCACGCTGGAAACAGGAGACCTTT
 GCCTGTAGACAGAGCTACAGGGTTGAAGGAAAAGACCCTGATTCTACTTGATGTGAGCACCAAGAACCCA
 GTCAGGACAGTCAGTGAGAACTTCTCTCTGTCATCTGGATCCGTCCATCATTGATGATGGCTGGCTCG
 ATTTCTTAAGCTCCAAGCGTCTGGTGACCCTGGCCGGGGACTCTCGCCCGCTTTCTGCGCTTCGGGGG
 CAAAAGGACGGATTTCTGCAGTCCAGAACCTGAGAAATCCGGCGAAAAGCCGCGGGGGCCCGGGCCCG
 GATTACTATCTCAAAAATATGAGGATGATATTATTAAGTCTGACATCTGCCTACATCTTTCTTTGCCTT
 GTCTCTTTCTCAAGCACCTGACATTTATCTGGACCTAAAAAGAAAAAGAAAAAATACCATCTTTT
 ACTACTTGCTGAAGAATATTGTAAGACACAATCTTACCGCATACTTTCTGCCAGGTCTCTAGACAACTT
 TATAACTTTGCTGATTGCTCTGGACTCCACCTGATATTTGCTCTAAATGCACTGGCTCGTAAATCCCAATA
 ACTCCTGGAACAGTTCTAGTGCCCTGAGCCTGTTGAAGTACAGTGCCAGCAAAAAGTACAACATTTCTTG
 GAACTGGGTAATGAACCAATAACTATCGGAGCATCCACGGCCGGGAGTAAATGGCAGTCAGTTGGGA
 AAGGATTACATCCAGCTGAGGAGCCTGTGCAACCCATCCGGATTTACTCCAGAGCCGGCTGTACGGCC
 CCAGTATTGGACGGCCAGGAAGAACGTCATTGCCCTCTGGATGGATTCTGAAGGTGGCAGGAAGCAC
 AGTAGATGCGGTTACCTGGCAACATTGCTACATTGATGGCCGGTGGTCAAGGTGATGGACTTCTGAAA
 ACTCGCTGTTAGATACTCTCTGACCAGATTAGGAAAATCAGAAAAGTGGTCAACACATACACTCCAG
 GAAAGAAGATTTGGCTGGAAGGCATAGTACCACCTCAGCTGGAGGCACAAACAATGTCAGATTCTTA
 CGCTGCAGGATTTATGGCTAAACACTTTAGGAATGCTGGCCAATCAGGGCATTGATGTCGTGATACGA
 CATTCAATTTTTCGACCACGGATACAACCATCTGGTGGACCAGAATTTAACCATTACCAGACTATTGGC
 TTTCTCTTTTACAAGCGTCTGATTGGCCCCAAGTCTGCGAGTGCATGTAGCTGGGCTCCAGCGGAA
 GCCTCGGCCAGGAAGAGTCATCCGAGACAACTAAGGATCTATGCTCACTGTACAAACCACCACAACCAC
 AACTATGTCGGTGGCTCTATCACACTTTTCATCATCAACCTACATCGATCAAGAAAGAAAATCAAAGTGG
 CTGGGACTCTCAGGGACAAGCTCGTGCACCAGTATCTGCTGCAGCCCTATGGGCAGGAAGGCTAAAGTC
 CAAGTCAGTGCAGCTCAATGGCCAGCCCTTAGTGATGGTGGACGACGGGACCCCTCCAGAAGTGAAGCCC
 CGCCCCCTGCGGGCCGGCCGGACATTGGTCATCCCTCCGGTCACCATGGGCTTTTATGTGGTCAAGAATG
 CAATGCTTTGGCTTGGCGTTATCGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135762

Insert Size: 1779 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_001135762.1](#), [NP_001129234.1](#)

RefSeq Size: 1779 bp

RefSeq ORF: 1779 bp

Locus ID: 368128

Cytogenetics: 1q54