

## Product datasheet for **RN202880**

### **Hps3 (NM\_001107664) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Hps3 (NM_001107664) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hps3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202880 representing NM\_001107664  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGCCTTTGTACAACCTGCACCCGTTTGGGTGCGCAGCAGTTGTCCCCTGCCAGCGGGAGCCCGAGC  
 AGTTCTGCTGCGCGGGAGCGACGCGCTGTTCTGGCTTCCGGCTGCAAGGTGGAGGCGTTTGTGTTC  
 GGGCGCAGAGCTAAGCCGGCAGCGATGCACCTTCCACGCTAGGCAGGTTCTGCGCATGGCCTACAGC  
 GAAGCCGGAGACTATCTGGTAGCAATTGAAGAGAAAAACAAAAGTATTCTGCGTGCTTACGTGAATT  
 GGAGGAGTAAGAGGAATGACAACTCTCGTGTGTCATTGGAATGGTTGGGCACAAAATGGAGGCATCCTT  
 CTGTGAAAGCTTTAGAGACCAGATGTCTATAATTGAAATGCCAATGTCCGAGGCCCTTTGTGCATTTCA  
 TGTTGCTCTGTAAGGAGATCTACTTGTGGATGTACAAAGAAGTTAGTCTTATTTACTTTGAAGTATG  
 ATGTGCTTAATGAGGAATCTCAATGTTGAACTTTGACGTTTCAATTAATACACATAAATAATATCAC  
 TCCTGTTGAAATCTTTTTGTGTGGATATGTTGCTGTCATGGCTGATTTAGAAGTCTTACTCCTAAAA  
 CTGGAGTCAGACCTATACATGGAGAGGAGTTAACACCACCCACAAGAAAGCATCAACCCATTGGAAAC  
 AGACAGAAGATGTCAGTAATGAACTTCACAGCTTGTGAGTACAGGATTTTGTATCTGCCTAAAACCTTT  
 GAACTTTTTGGTGAAAAATGTAACAGCTGGAATATCTGTTAAGCTGGAGTCCACAGGATTAGAAGAT  
 GAAAAAGTAAATATTTACATGTTACAGCATCTGCTGTATAGACGGTTTGTCCAGATATTTCACTTATG  
 GTTTGCTGATAACATCAAGTTACATCCCTTCAACTGCTGCCATTACCAAATGGTTTTATCCTGTA  
 TGAAAAAGATTTGCTCAGAAAAAGAGGTGCCAAGTCTTCTGTTTCTTCTCATTACCCCATGCGGGC  
 TACCTGTACATGGTGGTGAAGTCTGTTACGTTACTGTGCTGATTTGGTATCCTGAGAAGTCTCAGCAAG  
 CCGTGTACACCACAATCTTTCATGTCATCACAAGCCAAAGCCTGCAGTGTTCACGTTACGATCGAG  
 CGCAGCGGTGGCTCATGAGGAGGACCTATACATGGACACTACACTAAAGGCCCTGCCACCTGTCAATG  
 GATGTCTGTGCTTAAGGATACAGCTCTTCATAGGTTTGAAGCCATCTGTCACTTTAAAAACCACATCA  
 TACTTCTGACGAAGGCAGAGCCTGAGGACATCCCAGAGAGACGCGAGTACCCCAAGAGACTTCTTTCTAG  
 AAAAGATGCCAGTGTTAAGAGCAGGATCCCTCACGTAGCTGAGGCTGGATGGAATCTGTATATCGTGAAT  
 ACCACTGCACCAGTTCAGCTATACAAAGAAATGGTAGACTATAGTAACAGCTACAAGACTGTGAAAACCG  
 AGAGCTGTCTCCACTTGTCTCAGCAGGCTCATCTGCTAGTGTGAGAGCTGCCCTGATGGATGTCAGTCACT  
 AGAGCCTGCAGAGAAAGCAGAGCTCCTGGAAGCTTTCAAAGAAAGCTGCGGGCACCTGGAGACTGTTAC  
 AGCAGGCTTAACACTGAGCAAGCCATCTGCCTTGCCATACTATAAGATGTCTGGTTTGTCTCTGGCTG  
 AAGTCTTGGCTCGTGTGAATGGACAGAAGGGAATGAATCACAGAAATATGAGAGAGGATTAATATTTTA  
 TATTAATCATTCTCTTATGAGAACCTGGATGAAGAATTAAGTGAAGAATTAGCTGGAAAAGTGGCTCAG  
 ATATTTTATGTTGCTGAGCCGAAGCAACTGCCTCATGTTCTCTCCAGTCCGTCTATGAAGAATATTGATC  
 CTTTAATTGCCTTGCACTACTTAAGGAAGCTGGACACCTGTGGGGCTTACCAGTCTTAGTGACCTTGAC  
 CAAGGCTGCAGTGGCCTTGAATAAGGAAATCTTGACATGTACAGGAATGAAATGAAAAGCCATTACAGAG  
 ATGCAGCTGGTGTATGGCTTCAATCTGGAACCTCGGCTGTTAATCAACAGTGAAAGGACAGATTGTTT  
 CTACGAACTTGCAATTGACTTGAAGGAACTCAGCCTGGATTGCTTGTGGCTTCACTCCTGGGCTTACA  
 GAAGAATGGTAAATGGAAATCGAAGAAGCAGATTCTTTCTTTAAGGTGCTGTGTGGAAGGATGAAGAC  
 ATGGTCCGACGCTTTTGGTAGACTTCTGGGAAGCTCAGCTCGTAGCTTGTCTCCAGATGTGGTTCTTG  
 AGGAACCTTTTTCAAGCTCATATCTCAGTACGCTGGAGGTTATCTAAGAGGCATTGCTCTGATACCTT  
 ACCATTGAGAACAGCAGAGGATTTGATAACGCCTGCAGTCATTATGGCCTAGTATATCCATGGGTTTCA  
 GTCTTAATGACGCTGATTCTTCTAGCTGATAAAAAATTACACAGAAGACCTTTTGAAGTACAGTCTCTCA  
 TATGTAGCCCTTCAATGGACATAGTTCCGTTATTCATATCTGGAGCCACTCTCAGAAGACACTGTTGC  
 TGGCCTCAGCGCTCAAGTCTATGTACACAGCTTACAAGAATATGAAAAGTGCATAGACACATTGCTA  
 GAGAGATGCCAGAGCGGTCATTGCATATGCTAACCGGAACTGAAGGAAGAGCACTGGATTCTGTGGT  
 GGAAAAAGCTACTGCCTGAACTCTGTACAGAGTCAAGTGTGGCGGAGACAGATACCACCTTCACTGTC  
 ATTGCTAAAAGAAACCTTGTGCGTTGTTGCTGTGGGACTGGACCTGAGGGATTTCTTGAATGTTCTCCCA  
 GAAGATGGGGTGGCAGCATTTTTTCTGCCTACCTCCTTTTCTGCAGCCGAAGAAATCACTAACT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001107664
<b>Insert Size:</b>	3009 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107664.1</a></u> , <u><a href="#">NP_001101134.1</a></u>
<b>RefSeq Size:</b>	3893 bp
<b>RefSeq ORF:</b>	3009 bp
<b>Locus ID:</b>	310288
<b>Cytogenetics:</b>	2q24