

## Product datasheet for RN216604

### Chst9 (NM\_001170470) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Chst9 (NM\_001170470) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Chst9  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216604 representing NM\_001170470  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAAGCCAAACAAGTCTTCTTTCTGTCTGCTGTTTGGGACAGCAGGGCTTCTGCTCTTCATGTACT  
 TGCAAGCATGGTTGAAGAGCATCATGCAGGGAGAATAGAGAAGAAAAGAGAACAAGGAGATCGGT  
 GACTACAGGAAAAATCCAGAAACAGAGCGCAATCAGAACTCCGAGGTTACATACCCGAAGATCTAAAG  
 AAGAAAGGGGAAATCTGCTCAACCTGGAGAGACCCACTAGGTTTTAAGGAAGAGCAGCCATCCCAA  
 GGGAGAACCAGCTCCTGGATCAGCAACTGAAACGTATCAAGGAGCTAAGATTGAGTTTTTCAGAAACC  
 CATCCTGATGTACTGGCCACTGGCCACTCAGCCCTAAATAAAAGTTCAGTCCAAGGCAACAAATGGAAG  
 AAAGCAGAAGCAACCAAGAGAAACGTAGGTCTTCTTCGTGAGTTTTGCAAGAAATATGGTGGAGTAA  
 ATGATCCCAAAGCCAACATTTTTCATATAGTATCCAGGATATATGTAGAAGACAAACACAAAATCCTGTA  
 CTGTGAAGTACCAAAGGCTGGCTGCTCTAACTGGAAAAGAATTCTGATGGTCTAAATGGACTGGCTTCC  
 TCTGCATAACAATATCTCCACGACTGTGCACTACGGGAAGCATCTAAAAACACTGGATAGCTTTGACT  
 TAAAAGGGGTACACATGCGTTTTGAATACCTATACCAAAGCTGTGTTTGTAGGGATCCCATGAAAGATT  
 AGTGTCTGATTTTCGGGATAAATTTGAGCATCCCAATAGCTACTACCATCCAGTGTTTGGGAAGGCAATT  
 ATCAAGAAATACCGACCAATGCCACTGCCAAAGCATTAAATAACGGATCTGGGGTCAAATTCAAAGAAT  
 TTGCTACTATTTGCTAGATGCTCAACGTCCAGTAGGAATGGATATTCAGTGGGAGAGGGTCAGCAAAC  
 GTGTTATCCATGTTTGTGCTGACTATGACTTTGTAGGGAAGTTTGGACATTAGAAGAAGTGCCAAATAC  
 TTTCTACAGTTGATTGGTGTCCAAAAGAGTTGAAATTTCAAATTTAAGGACAGGCACCTCTCTGATG  
 AAAGAACCAGTGCCCATGTGGTGGGAGGAGTATTTAAAGGACCTGAGCGCAGCCGAAAGGCAACTCATCTA  
 CAACTTTTATCACTTGGACTATTTGATGTTAATTACACTACTCCACATTTATA**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001170470
<b>Insert Size:</b>	1245 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>NM_001170470.1, NP_001163941.1</u>
<b>RefSeq Size:</b>	1769 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	291770
<b>Cytogenetics:</b>	18p13