

Product datasheet for **RN211305**

Chst7 (NM_207600) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chst7 (NM_207600) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Chst7
Synonyms:	Gn6st-4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211305 representing NM_207600
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGGGCCGGCGCGCGCCGAGAGTCTGCAAGTTCACGCTGCTTGGCGCTGTACACGCTTC
 TGCTACTGCTCGTCCCCTCTGTACTGGACAGTGGCAGCGAGCAGGACAAGGGCGGCAGGGACTGCCCGG
 CCTGCAGCGCAGCTTGGGTGTGTGGAGCCTGGAGGCGCGCGCCGGGAACGTGAGCAGGGCGCAGAG
 GTGCGGTTCCAGGCCGAAGAAACCCGGATCGATCCCCTCGGCCCCAGGGCAACCTCAGCGCCATCCGTG
 AGTCCGTGACCCAGGAGAAGCAGCACATCTATGTGCATGCCACCTGGCGCACCGGCTCGTCTTCTGGG
 TGAACTCTTTAACAGCACCCGGACGTTTTCTACTTGTACGAGCCATGTGGCATCTGTGGCAGGCACTG
 TATCCGGGCAATGCGAAAGCCTGCAGGGCGCGCTGAGAGACATGCTGCGCTCCCTTCCGCTGTGATT
 TCTCTGTGCTCCGCTGTACGCGCAGCCCGGGACCCCGCAGAGCGAGCACCGGACTCGGCCAACCTCAC
 CACGGCCATGCTTTCCGTTGGCGGACCAACAAGTCACTGCTCGCCGCTCTGTGCCCGCCGCGCCC
 CGGGCGCGCGGACGTGGGCTCGTCGAGGACAAAGCCTGTGAAAGTACCTGCCCGCCGTGCCGCTCC
 GCGCCCTGGAGGCCGAGTGCCGCAAGTACCCGGTGGTGGTCAAGGACGTGCCGCTGTGGACCTGGG
 CGTGTGGTCCCCTGCTGCGTGACCCAGGCCTCAACCTGAAGGTAGTGACGCTTCCGAGACCCACGG
 GCAGTGACAACCTCGCGCCTCAAGTCGAGGCACGGACTGCTGCGCGAAAGCATCCAGGTGCTGCGCACAC
 GCCAGAGAGGTGACCGCTTCCAGCGGTGCTACTGGCGCACCGGTGGTGGCCGTTCCCGAGGGCCAGTC
 CCGGGCGCTGCCCTCCGCGCCACGCGCCGATTTCTTCTTAACAGTGCCTCGAGGTGATCTGCGAGGCC
 TGGTGGCGGATCTGCTCTTACCCGCGGTGCGCCACCTGGCTGAGGCGTGCCTACCTGCGGCTGCGTT
 ATGAGGACTTGGTGTGGCAGCCCAAGTCCAGTGCAGCGCCTGCTGCGCTTCTCCGGGCTCGGACACT
 CGCCGCGCTTGATGCCTTCGCATTCAATATGACCCGCGGCTCGGCCTATGGAGCCGATAGGCCCTCCAC
 TTGTCTGCGCGGACGCCGAGAGGCTGTGCACGCGTGGCGGAGCGTCTGAGCCAAGAGCAGGTGCGCC
 AGGTGGAGGCCGCTTGGACCCCGCCATGCGACTGCTCGCCTACCCTCGCAGCGGGGATGAACGCGATGT
 GAAGACCGTCAGGAAAGGGGAGACACCCTGAAACCAACGCCAACTGGGCCACA**TAG**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_207600

Insert Size: 1458 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_207600.2](#), [NP_997483.1](#)

RefSeq Size: 2335 bp

RefSeq ORF: 1458 bp

Locus ID: 302302

UniProt ID: [Q6XQG8](#)

Cytogenetics: Xq11

Gene Summary: member of the sulfotransferase gene family, which generate sulfated glycosaminoglycan (GAG) moities during chondroitin sulfate biosynthesis; human homolog transfers sulfate to N-acetylgalactosamine [RGD, Feb 2006]