

Product datasheet for **RN208913**

Chst3 (NM_053408) Rat Untagged Clone

Product data:

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|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Chst3 (NM_053408) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Chst3 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN208913 representing NM_053408
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGAAAGGACTCGTTTTGCCTCAGGATTGCCGGACCTTGTGCACAACCTGAAGATTGAGGCAGAT
 ATGTCCTGTTCTTGGCATTGTGGTCATAGTTTTTATCTTCATTGAAAAGGAAAATAAAATCATATCCAG
 GGTCTCCGACAAGCTGAAGCAGATCCCTCAGTTTGTGGCAGATGCCAACAGCACCCAGCCCTGCTC
 TTATCGGAAAATGCATCTCTTGTCCCTGAGCGAGCTGGATTCCACCTTCTCCCATCTGCGGAGCCGCC
 TGCACAACCTTGAAGCTGCAGCTGGGCATAGCGCCAGCAATGGAGGCCAGGGCCAGGAGGCTGTGGCAGA
 GAAGCCATCCCAGCAGGCTGGAGCAGGGACCCGGCGCCACGTGCTCCTCATGGCCACCACTCGCACCCGCC
 TCCTCATTCGTGGCGAGTTCTCAACCAGCAAGGCAATATCTTTACCTCTTTGAGCCACTGTGGCACA
 TCGAGCGCACCGTGTCTCCAGCAGGGAGGTGCCAGCGCGCGGGCTCAGCGTTGGTCTACCGCATGT
 CCTCAAGCAGCTATTGCTGTGTGACCTGTATGTGCTAGAGCCCTTCATCAGCCCTCGCCCGAGGACCAC
 TTGACTCAGTTTCCTGTTTCGCGGGGATCCAGCCGCTCGCTCCTGCGAGGATCCGGTGTGCACACCCTTCG
 TCAAGAAGGTCTTCGAGAAGTACCACTGCAGGAACCGTCATTGCGGGCCACTCAACGTGACCTTGGCCGC
 CGAGGCCCTGCCGTGCAAGGACCACATGGCCCTCAAGGTCGTGCGCATCCGTGAGCTGGATTCTCGAG
 CCTCTGGCTGAGGACCAAGGCTGGACCTGCGAGTCATCCAGCTGGTGCAGCACCCCGGGCCGTGCTGG
 CTTACGCATGGTGGCCTTTGCGGGCAAGTATGAGAGCTGGAAGAAGTGGCTGTCCGAGGGCCAGGACCA
 GCTGAGCGAGAATGAGGTGCAGCGGTTGCGGGCAACTGTGAGAACATCCGCCTGTCTGCAGAGCTGGGC
 TTGCGGCAGCCAGCTGGCTGCGCGGTCCGTACATGCTGGTGCCTACGAGGATGTGGCACGCAGGCCAC
 TGCAGAAGGCCCGAGAGATGTATCGCTCCGAGGCATCCCTTGACCCCGCAGGTGGAGGACTGGATCCA
 GAAGAACACGCAGCGCGCGCGCAGCAGCAGGTCTACTCCACTCAGAAGAACCTCTCGGAGCAGTTT
 GAGAAGTGGCGCTTCAGCATACCTTCAAGCTGGCACAGGTGGTGCAGGCTGTCTGCGGCCCGGCCATGC
 ACCTCTTCGCGCCACAAGTTGGCAAAGGATACCGCCTCACTACCAACCGCTCCATCAGCCTGCTGGAGGA
 GCGGGGCACCTTCTGGGTCACGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053408
- Insert Size:** 1425 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_053408.1](#), [NP_445860.1](#)
RefSeq Size: 1425 bp
RefSeq ORF: 1425 bp
Locus ID: 84468
UniProt ID: [Q9QZL2](#)
Cytogenetics: 20q11
Gene Summary: mouse homolog is a transferase that catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-phosphosulfate to the N-acetylgalactosamine residue of chondroitin [RGD, Feb 2006]