

Product datasheet for RN206975

Hs3st2 (NM_181370) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Hs3st2 (NM_181370) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Hs3st2
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN206975 representing NM_181370
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCTATAGGGTCTGGGCCGCGGGGCCACCTCAGCCGCGGAGAGCGCGCAGGCTGCTCTTCGCCT
 TCACACTGTCCTTGCTGCACCTACCTGTGTTACAGCTTCCTGTGCTGCTGCGACGGTCTGGGCCAGAG
 CCGCCTGCTCGGCGCGCCGCGCTGCCTCCGCGGCCAGCGCAAGCGGCCAGAACTTCTGGCGAAGTCC
 CGCCCGTGTGATCCCCCGGGCCGACGCCAGTGAGCCAGCGCTCCAGCGCGCCCGCGCTGCCGCGC
 CAGCACCGCGCCTCTCCGGATCCAACCACTCTGGCTCCCCGAAGCCAGGCACCAAACGGTGCCCAAGC
 CCTCATTGTGGCGTTAAGAAAGGTGGTACCCGAGCAGTCTGGAGTTTATCCGAGTGCACCCGGACGTT
 CGAGCCCTGGGCACCGAGCCCACTTCTTCGACAGGAATTACGGCCGAGGGCTGGACTGGTACAGGAGCC
 TGATGCCGAGGACCTTGAGACCCAGATCACACTGGAGAAGACGCCTAGCTACTTCGTCACCTCAAGAAGC
 CCCTCGGAGGATCTTCAACATGTCTCGAGACCAAGCTGATAGTGGTGGTGGGAACCCGGTGACCCGA
 GCCATCTCTGACTACACGCAGACGCTTCCAAGAAGCCGGACATCCACCTTCGAGGGCTTGCTCTTCC
 GCAACCGCAGCCTGGGCCTGGTGGATGTGTCTTGAACGCCATCCGCATCGGCATGTACGCACTGCACCT
 GGAGAGCTGGCTCCGGTACTTCCCGCTGGCCAGATCCACTTCGTCAAGTGGTGGAGCGGCTCATCACCGAC
 CCACTGGTGGATGGGGCGCATTCAAGGACTTCTGGGCATCAAGAGATTCATCACAGACAGCACTTCT
 ACTTCAACAAGACCAAAGGATCCCTTGCTTGAAGAAACAGAGTCAACCCTCCTGCCTCGATGCCTGGG
 CAAATCAAAGGGAGAAGTCAATGACAGATCGACCCTGAAGTTATAGACCAGCTCCGGGAATTTATAGA
 CCTATAATATTAATTTTATGAAACTGTTGGGCAGGACTTCCGGTGGGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_181370
 Insert Size: 1104 bp



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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:	<ol style="list-style-type: none">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_181370.2 , NP_852035.1
RefSeq Size:	2292 bp
RefSeq ORF:	1104 bp
Locus ID:	293451
UniProt ID:	Q80W66
Cytogenetics:	1q36
Gene Summary:	catalyzes the transfer of sulfate groups onto the 3-OH site of glucosamine groups in heparan sulfate proteoglycans [RGD, Feb 2006]