

Product datasheet for **RN217067**

Hs6st2 (NM_001191726) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hs6st2 (NM_001191726) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hs6st2
Synonyms:	RGD1563872; RGD1564397
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217067 representing NM_001191726
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCACTGCCTGCATTTGCAGCCCGGGCGCTTGGCCGCCACTGCAACCGGAGCAAGGAGCGCCCGCC
 GCACCACCTGTCCCGCCGGCATTCCAGAGTAGAGGCCGAATTGGCAGCAAGCCGGCCCGGTCTGTGCG
 CGCCTCAGTCCGTGCCGGCCCTCTAGGGTGTGTCTCTCGGATCAACTCCCGCCGCTCCAGGACAAG
 CCCCCAAAGACATTTTCTTCTTGGCGGGAGCCTTGCAGCCCGCTCTTCGCGTGTCTGCTCGAGGCC
 GCCGCAGGCGGATGCACGACCTCAGGCGACGCTGGGACCTGGGCTCCCTCTGCCGGGCCCTGCTCACTCG
 GGGCTGGCAGCTGTGGCCACTCGCTCAAGCACGTGCTCAGTGCATCTTCTCAAGATTTTCGGTCCC
 TTGGCCAGCGTCGGGAACATGGATGAGAAATCTAACAAGCTGCTGCTGGCTTTGGTGTGCTCTTCTAT
 TTGCCGTGATCGTCTCAATACGTGTGCCCGGCACAGAAATGCCAGCTCCTCCGCTGCAGGCGTTCAG
 CTCGCCGTGCCGATCCGTACCGCTCGGAGGATGAGAGTTCGCCAGGTTTGTACCCCGCTACAATTTT
 AGCCGTGGCGATCTCTGCGCAAGGTAGACTTCGACATCAAGGGCGATGACCTGATCGTGTCTCTGCACA
 TCCAGAAGACTGGGGCACCACTTTCCGGCCGTACCTGGTGCACAACATCCAGCTGGAGCAGCCATGTGA
 GTGCCCGTGGGGCAGAAGAAATGCACTTGCCACCGGCCGGTAAGAGGGAGACCTGGCTTTCTCCAGG
 TTCTCCACCGGCTGGAGCTGCGGGTGCATGCCGACTGGACGGAGCTCACCAGCTGCGTGCCCGCAGTGG
 TGGATGGCAAGCGCAGCCAGGCTGAGACCTCCAGTGGAGGATTTTTCAGATTTAGATGCAGCAAG
 TAAAGTAGATGGGGTTCTTCAAATCAACTCAGGTGCCAACTCTCCATCTCCACAAAGCCCCGGAGC
 ACAACGAAGAGTGGGAAGAACTTCCATTATACCCATCCTCAGAGACCCAGTGTCTCGGTACCTGAGCG
 AATGGAGACATGTCCAGAGGGGAGCAACATGAAAGCATCCCTGCAGCTGTGATGGAAGGCCCCCGAC
 CTCTGAGGAAGTCCAGCTGTACACCGGTGATGACTGGTCTGGATGCCCTCTCAAAGAGTTCATGGAC
 TGCCCTATAATCTGGCCAACAACCGCCAAGTCCGCATGCTGTCTGACCTGACTCTAGTGGGCTGTACA
 ACCTCTGTGCATGCCTGAAAAGCAAAGAAACAAAGTCTTTTGGAAAGTCCAAATCCAATCTGAAGCA
 CATGGCATTCTTTGGCCTCACTGAGTTTTCAGCGCAAGACCCAGTACCTGTTTGAAGACCTTCAACATG
 AACTTTATTTCCGCGTTTACCCAGTATAATACCACTAGGGCTCTAGTGTGAGATCAATGAGGAAATCC
 AAAAGCGTATTGAGGGACTGAATTTTCTGGATATGGAGCTGTACAGCTATGCTAAAGACCTTTTCTGCA
 AAGGTATCAGTTCATGAGGCAGAAAGAGCATCAGGATGCCAGGCGGAAGCGTCAGGAGCAACGGAAATTT
 CTGAAGGAAGGTTCTTCCAGACCCATTCCAGAGTCAGAGTCAGAGTCAGGTCAGAGCCAGGGTTCAGA
 GCCAGGTCAGAGCCAGGTCAGGTCAGAAATCTGAGTCAGAATCCAAATCCCAACCCAAATCAGAACCT
 GACTCAGAATCTGAGTCAGAATCTGACTCAGAGTTCAAATCCCAATTTGACCCAAAGGGAGAACCACGGA
 AGTCAGAAGCAGGGCTCAGGCCAGGAGCAGAGTGATAGCAGCACCAGCAATGGCACAATGACTACATAG
 GGAGCGTAGAGACATGGCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191726

Insert Size: 1983 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001191726.1, NP_001178655.1</u>
RefSeq Size:	2394 bp
RefSeq ORF:	1983 bp
Locus ID:	302489
Cytogenetics:	Xq36