

## Product datasheet for **RR217067**

### **Hs6st2 (NM\_001191726) Rat Tagged ORF Clone**

#### **Product data:**

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



[View online »](#)

**ORF Nucleotide Sequence:**

>RR217067 representing NM\_001191726  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACTGCCTGCATTTGCAGCCCGGGCGCTTGGCCGCCACTGCAACCGGAGCAAGGAGCGCCCGCC  
 GCACCACCTGTCCCGCCGGCATTCCAGAGTAGAGGCCGAATTGGCAGCAAGCCGGCCCGGTCTGTGCG  
 CGCCTCAGTCCGTGCCGGCCCTCTAGGGTGTGTCTCTCGGATTCAACTCCCGCGCTCCAGGACAAG  
 CCCCCAAGACATTTTCTTCTTGGCGGGAGCCTTGCAGCCCGCTCTTCGCGTGTCTGCTCGAGGCC  
 GCCGCAGGCGGATGCACGACCTCAGGCGACGCTGGGACCTGGGCTCCCTCTGCCGGGCCCTGCTCACTCG  
 GGGCTGGCAGCTGTGGCCACTCGCTCAAGCACGTGCTCAGTGCATCTTCTCAAGATTTTCGGTCCC  
 TTGGCCAGCGTCGGGAACATGGATGAGAAATCTAACAAGCTGCTGCTGGCTTTGGTGATGCTCTTCTAT  
 TTGCCGTGATCGTCTCAATACGTGTGCCCGGCACAGAATGCCAGCTCCTCCGCTGCAGGCGTTCAG  
 CTCGCCGTGCCGATCCGTACCGCTCGGAGGATGAGAGTTCGCCAGGTTTGTACCCCGCTACAATTT  
 AGCCGTGGCGATCTCTGCGCAAGGTAGACTTCGACATCAAGGGCGATGACCTGATCGTGTCTCTGCACA  
 TCCAGAAGACTGGGGCACCACTTTCCGGCCGTACCTGGTGCACAACATCCAGCTGGAGCAGCCATGTGA  
 GTGCCCGTGGGGCAGAAGAAATGCACTTGCCACCGGCCGGTAAGAGGGAGACCTGGCTTTCTCCAGG  
 TTCTCCACCGGCTGGAGCTGCGGGTGCATGCCGACTGGACGGAGCTCACCAGCTGCGTGCCCGCAGTGG  
 TGGATGGCAAGCGCGACGCCAGGCTGAGACCTCCAGTGGAGGATTTTTCAGATTCTAGATGCAGCAAG  
 TAAAGTAGATGGGGTTCTTCAAATCAACTCAGGTGCCAATCTCCATCTCCACAAAGCCCCGGAGC  
 ACAACGAAGAGTGGGAAGAACTTCCATTATACCCATCTCAGAGACCCAGTGTCTCGGTACCTGAGCG  
 AATGGAGACATGTCCAGAGGGGAGCAACATGAAAGCATCCCTGCACGTCTGTGATGGAAGGCCCGGAC  
 CTCTGAGGAAGTCCCGAGCTGTACACCGGTGATGACTGGTCTGGATGCCCTCTCAAAGAGTTCATGGAC  
 TGCCCTATAATCTGGCCAACAACCGCCAAGTCCGCATGCTGTGACTGACTCTAGTGGGCTGTACA  
 ACCTCTGTGCATGCCTGAAAAGCAAAGAAACAAAGTCTTTTGGAAAGTGCCAAATCCAATCTGAAGCA  
 CATGGCATTCTTTGGCCTCACTGAGTTTCAGCGCAAGACCCAGTACCTGTTTGAGAAGACCTTCAACATG  
 AACTTTATTTCCGCGTTTACCCAGTATAATACCACTAGGGCTCTAGTGTGAGATCAATGAGGAAATCC  
 AAAAGCGTATTGAGGGACTGAATTTCTGGATATGGAGCTGTACAGCTATGCTAAAGACCTTTTCTGCA  
 AAGGTATCAGTTCATGAGGCAGAAAGAGCATCAGGATGCCAGGCGGAAGCGTCAGGAGCAACGGAAATTT  
 CTGAAGGAAGGTTCTTCCAGACCCATTTCCAGAGTCAGAGTCAGAGTCAGGTCAGAGCCAGGGTCAGA  
 GCCAGGGTCAGAGCCAGGTCAGGTCAGAATCTGAGTCAGAATCCAAATCCCAACCCAAATCAGAACCT  
 GACTCAGAATCTGAGTCAGAATCTGACTCAGAGTTCAAATCCCAATTTGACCCAAAGGGAGAACCACGGA  
 AGTCAGAAGCAGGGCTCAGGCCAGGAGCAGAGTGATAGCAGCACCAGCAATGGCCCAATGACTACATAG  
 GGAGCGTAGAGACATGGCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR217067 representing NM\_001191726  
Red=Cloning site Green=Tags(s)

MALPAFAARALGPPLQPEQGAPARTTCPRRHSRVEAELAASRPGSVAASVRAGPPRGVSLGFNSPPLQDK  
 PPKTFSSLAGALRAPLFAALLPRGRRRRMHDLRRRWDLGSLCRALLTRGLAAVGHSLKHVLSAIFSKIFGP  
 LASVGNMDEKSNKLLALLVMLFLFAVIVLQYVCPGTECQLRLQAFSSPVPDPYRSEDESSARFVPRYNF  
 SRGDLRLKRVDFDIKGGDLIVFLHIQKTGGTTFRHLVRNIQLEQPCECRVGQKKCTCHRP GKRETWLF SR  
 FSTGWSCGLHADWTELTSCVPAVVDGKR DARLRPSRWRIFQILD AASKDRWGSSNFNSGANSPPSSTKPRS  
 TTKSGKNFYITILRDPVSRYLSEWRHVQRGATWKASLHVCDGRPPTSEELPSCYTGDWWSGCPLEKFM  
 CPYNLANNRQVRMLSDLTLVGCYNLSVMPEKQRNKVLLLESAKSNLKHMAFFGLTEFQRKTQYLFEKTFNM  
 NFISPFTQYNTTRASSVEINEEIQKRIEGLNFLDMELYSYAKDLFLQRYQFMRQKEHQDARRKRQEQRF  
 LKGRFLQTHFQSQSQQGQSQQGQSQQGPGQNL SQPNPNPNQNL TQNL SQNL TQSSNPNTQRENHG  
 SQKQSGSQEQSDSSTNGTNDYIGSVETWR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001191726

**ORF Size:** 1980 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001191726.1](#), [NP\\_001178655.1](#)

**RefSeq Size:** 2394 bp

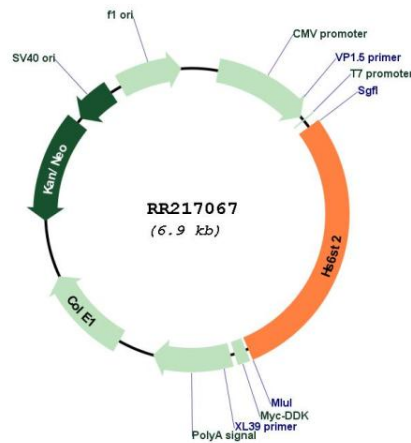
**RefSeq ORF:** 1983 bp

**Locus ID:** 302489

**Cytogenetics:** Xq36

**MW:** 74.5 kDa

**Product images:**



Circular map for RR217067