

## Product datasheet for RN216551

### Hs3st3a1 (NM\_001172067) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hs3st3a1 (NM_001172067) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hs3st3a1
Synonyms:	Hs3st3a; RGD1561262
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN216551 representing NM_001172067 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCCCCTCGGGTCCCTCTGGCGCGCAGCTCAGCCCGCGGAGCCACTGTCGCGCAGTATCTTCAGGA  
AGTTCTTGCTGATGCTCTGCTCGCTACTCACTTCCCTCTACGCTTCTACTGCCTGGCCGAGCGTGCC  
GCCGGGCTCCGGCCCCGTGCGGGGGTCCAGGGCGCGGCTTCTGCTGGACCAAGGAAGTGGCGATG  
TGGCCCGGGGGCGCAAGGAAGCGCCTCTGCAGCTGCGGCAGCGGAGGAGCGGGCGGCCAGGGC  
CAGGAGACAGCAGCGACCCGGACGAGCAGAGCCCTGGGCTGGCCCGCGCTCCAGGCGGCTCCGGGGCGGG  
GAGCAGCGTGGCAGAGGCCAACCTGGGACCCTGGCCTTACTCCTGGACGAGGGCAGCAAGCAACTGCCG  
CAGGCCATCATCATCGGCGTGAAGAAGGGCGGCACGCGGGCGCTGCTGGAGTTTCTGCGCGTGCACCCCG  
ACGTGCGCGCCATGGGCGCCGAGCCCCACTTTTTCGACCGCAGCTACCACAAGGGCCTCGCTGGTACCG  
GGACCTGATGCCCAGAACCCTTGAGGGACAGATCACCATGGAGAAGACGCCAGCTACTTTGTGACCCGG  
GAAGCACCCGCACGCATCTCAGCCATGTCCAAGGATACCAAGCTCATCGTGGTGGTGCAGCAGCCGGTGA  
CCAGGGCCATCTCGGACTACACGCAGACGCTGTCCAAGCGCCGACATCCCCAGCTTCGAGAGCCTGAC  
GTTCCGCAACCGCAGCGGGGCTCATAGACACGTCCTGGAGCGCCATCCAGATCGGTCTGTACGCCAAG  
CACCTGGAGCCCTGGCTGCGCCACTTCCGCTCGGCCAGATGCTCTTGTGAGCGGGGAGCGCCTGGTCA  
CGGACCCGGCCGGGAGCTGCGCCGCTGCAGGATTTCCCTGGCCCTCAAGCGCATCATCACCGACAAGCA  
CTTCTACTTCAACCAGACCAAGGGCTTCCCGTGCCTCAAGAAGGGCGAGGGCAGCGGCAAGCCGCACTGC  
CTGGGCAAGACTAAGGGCCGCGCACCCACCATCGCGCGGAGGTGCTGCGGCAGCTGCGTGACTTTT  
ACCGGCCCTTCAACCGCAAATTTTACCAGATGACCGGCCGCGACTTCGGCTGGGATGGA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001172067
<b>Insert Size:</b>	1182 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001172067.1, NP_001165538.1</u>
<b>RefSeq Size:</b>	1198 bp
<b>RefSeq ORF:</b>	1182 bp
<b>Locus ID:</b>	363618
<b>Cytogenetics:</b>	10q24