

Product datasheet for RN207461

Hs2st1 (NM_001100518) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Hs2st1 (NM_001100518) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Hs2st1 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN207461 representing NM_001100518 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGGGCTCCTCAGGATTATGATGCCGCCCAAGTTCAGCTGCTGGCGGTGGTGGCCTTCGCGGTGGCGA
TGCTCTTCTTGGAGAACCAGATCCAGAAGCTGGAGGAGTCCCGGGCGAAGCTAGAGAGGGCAATTGCAAG
ACATGAAGTCCGAGAGATTGAACAGCGCCACAGATGGACGGCCCTCGGCAGGATGCCACTCTGGATGAA
GAAGAAGACATCGTCATCATTTATAACAGAGTGCCCAAACTGCAAGCACCTCGTTCACCAATATCGCCT
ATGACCTGTGTGCAAAGAATAGATACCAGTTCCTCACATCAACACTACCAAAAAACCCAGTAATGTC
ATTGCAGGATCAGGTGCGCTTTGTAAGAATATAACCAGCTGGAACGAGATGAAACCAGGCTTCTATCAC
GGACACATTTCTACTTGGATTTGCAAAATTCGGGGTGAAGAAGAAGCCGATTTACATCAATGTCGTCA
GGGACCCGATTGAGAGGCTAGTTTCTACTATTACTTTCTGAGGTTTGGAGATGATTACAGACCGGGACT
AAGGAGGCGAAACAAGGAGACAAGAAGACCTTCGATGAATGCGTGGCTGAGGGCGGCTCAGACTGTGCT
CCAGAGAAGCTCTGGCTTCAGATCCCGTCTTCTGTGGCCACAGCTCAGAATGCTGGAATGTTGGAAGCA
GATGGGCGATGGATCAAGCTAAGTACAACCTAGTTAATGAGTACTTCTGTTGGGGTACTGAAGAGTT
GGAAGACTTCATCATGCTCCTGGAGGCGGCTCTGCCCGGTTCTTCAGGGGCGCGACGGACTCTATCGT
ACAGGAAAGAAATCTCACCTTAGGAAAACACAGAGAAGAACTGCCCACTAAACAGACCATCGCGAAGC
TACAGCAGTCCGACATTTGAAAATGGAGAATGAGTTCTATGAGTTTGCCTGGAGCAGTTCCAGTTCAT
GAGAGCCACGCGGTCCGTGAGAAAAGTGGAGACCTCTACATCTGGCCAGAACTTTTCTATGAAAAG
ATTTACCCTAAGTCGAAC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_001100518 |
| Insert Size: | 1071 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: | <u>NM_001100518.1</u> , <u>NP_001093988.1</u> |
| RefSeq Size: | 4133 bp |
| RefSeq ORF: | 1071 bp |
| Locus ID: | 292155 |
| Cytogenetics: | 2q44 |