

## Product datasheet for **MC217600**

### St7 (NM\_022332) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_022332) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St7
Synonyms:	9430001H04Rik; Fam4a2; HELG; RAY1; SEN4; TSG7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC217600 representing NM\_022332  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTTTGGTACTGAATCTTCATTGAGCATGTTTTTGAACACGTTAACCCCAAAGTCTACGTGGCCCTGA  
CAGGCACTTCCTCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAAC  
ATCTTTTATTGAACAAGTCTCCGTAAGCCACTTGCGCCCCCTTCTGGGAGGGGTTGACAACAACCTTTCC  
AATAATTCTAATTCAGTAATGGAGACTCAGATCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGC  
GAAATCCACTGAATCTGTTTAGGGGTGCGGAATAAATCGGTACACTGGGTACAGGACGAGAGCCTCT  
GACCTACTATGACATGAACCTCTGCCCAGGACCACCAGACATCTTTACTTGTGATTGAGATCATCTT  
CGCCCTGCAGATGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCCTCAAGCCAGGATTTCTGCAGCTC  
ATGAAGCCTTGGAGATAAACGAAATTAGGTCCAGAGTTGAAGTCCCTAATTGCTTCTCTACCATCTG  
GGAGATAAAATTGTTACCAAAGTGTGCAACTGCGTACATTCTCTTGGCGGAAGAAGAAGCGACAACCTATT  
GCTGAAGCAGAAAACTCTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGC  
TACAACATCATGGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAAG  
AAGGCTGGCGATGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATG  
AAGGAGTTTCCCCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTCTTCTGGAACTCCAAG  
CTTATGCTGATGTTCAAGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCCGGCACAATATG  
CTACACAGCCGCCCTGCTCAAAGCAAGAGCTGTCTTGACAAATCTCTCCAGAGGCTGCGTCTCGGAGG  
GGGCTGAGCACAGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCA  
CAAAATATCTACTAGAAATGAAAAGCTTAATCCTCCCACCAGAACACATCCTGAAGAGAGGAGACAGTGA  
AGCGATAGCATATGCATTCTTTCATCTTGACACTGGAAGAGGGTGAAGGGGCTTTGAATCTCTTGAT  
TGTACGTGGGAAGGCACTTTCCGGATGATCCCGTATCCCCTGGAGAAGGGACACCTATTTTATCCATACC  
CAATCTGTACAGAAACAGCTGACCGGGAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCCAAAGAA  
GGAAGTCCCTTCTTTCATCTTCACTGCTGGACTGTGCTCCTTACAGCCATGCTGGCCCTCCTGACA  
CATCAGTTTCCGGAAGTATGGGAGTCTTCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAAGT  
TTGTTATGGAGAAAGTGGAAAGCATCTCCCTCCAGTTTGTGGCATCAGCTGACACGGATCGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_022332

**Insert Size:** 1605 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).

**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\\_022332.3](#), [NP\\_071727.2](#)

**RefSeq Size:** 2286 bp

**RefSeq ORF:** 1605 bp

**Locus ID:** 64213

**UniProt ID:** [Q99M96](#)

**Cytogenetics:** 6 A2