

## Product datasheet for **MC217170**

### St7 (NM\_001083315) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001083315) 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



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**Fully Sequenced ORF:** >MC217170 representing NM\_001083315  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTGGTACTGAATCTTCATTGAGCATGTTTTTGAACACGTTAACCCCAAAGTCTACGTGGCCCTGA  
 CAGGCACTTCCTCGTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAAC  
 ATCTTTTATTGAACAAGTCTCCGTAAGCCACTTGCGCCCCCTTCTGGGAGGGGTGACAACAACCTTTCC  
 AATAATTCTAATTCAGTAATGGAGACTCAGATCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGC  
 GAAATCCACTGAATCTGTTTAGGGGTGCGGAATAAATCGGTACACTGGGTACAGGACGAGAGCCTCT  
 GACCTACTATGACATGAACCTCTGCCCAGGACCACCAGACATTCTTTACTTGTGATTCAGATCATCTT  
 CGCCCTGCAGATGCAATAATGCAAAAAGCTTGGAGAGAAAGAACCCCAAGCCAGGATTTCTGCAGCTC  
 ATGAAGCCTTGGAGATAAACGAGTGTGCAACTGCGTACATTCTCTTGGCGGAAGAAGAAGCGACAACAT  
 TGCTGAAGCAGAAAACTCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAG  
 CTAACAATCATGGGTCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAA  
 GAAGGCTGGCGATGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAAT  
 GAAGGAGTTTCCCTCCTAAGCATGTTCAATATCCATGAGAACCCTTAGAAGCTTCTGGAACCTCAA  
 GCTTATGCTGATGTTTCAGGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAAT  
 GCTACACAGCCGCCCTGCTCAAAGCAAGAGCTGTCTCTGACAAATTTCTCCAGAGGCTGCGTCTCGGAG  
 GGGGCTGAGCACAGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTG  
 CCAAAAATCTACTAGAAATGAAAAGCTTAATCCTCCCACCAGAACACATCCTGAAGAGAGGAGACAGTG  
 AAGCGATAGCATATGCATTCTTTTCATCTTGACACTGGAAGAGGGTGAAGGGGCTTTGAATCTCTTGCA  
 TTGTACGTGGGAAGGCACTTCCGGATGATCCCGTATCCCTGGAGAAGGGACACCTATTTTATCCATAC  
 CCAATCTGTACAGAAACAGCTGACCGGGAGCTGCTTCCCTCTTTCCATGAAGTCTCAGTTTACCCAAAGA  
 AGGAACTTCCCTTCTTCACTCTTCACTGCTGGACTGTGCTCCTTACAGCCATGCTGGCCCTCTGAC  
 ACATCAGTTTCCGGAACCTATGGGAGTCTTCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAAC  
 TTTGTTATGGAGAAAGTGGAAAGCATCTCCCTCCAGTTTGTGGCATCAGCTGACACGGAT**TGA**

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001083315

**Insert Size:** 1536 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\\_001083315.2](#), [NP\\_001076784.1](#)

**RefSeq Size:** 2217 bp

**RefSeq ORF:** 1536 bp

**Locus ID:** 64213

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

**Cytogenetics:** 6 A2