

## Product datasheet for **MC228279**

### St7 (NM\_001289626) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289626) 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:** >MC228279 representing NM\_001289626  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCCGAGGCGGGCGGGCTTCTGGAGCAGCTCAAGTCTGCATCGTGTGGTCTGGACCTATCTGT  
 GGACCGTGTGGTTCTTCCTCGTCTCTTCTGGTCTACATCCTGAGGGTGCCCTGAGGATCAACGACAA  
 CCTGAGCACAGTGAAGTGTGTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTTCC  
 TCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTTCATTG  
 AACAAAGTCTCCGTAAAGCCACTTGCGCCCTTCTGGGAGGGGTTGACAACAACCTTTCCAATAATTCTAA  
 TTCCAGTAAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCACTG  
 AATCTGTTTAGGGGTGCGGAATAAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTATG  
 ACATGAACCTCTCTGCCAGGACCACCAGACATTTTACTTGTGATTGAGATCATCTTCGCCCTGCAGA  
 TGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCTTG  
 GAGATAAACGAGTGTGCAACTGCGTACATTTCTTGGCGGAAGAAGAAGCGACAACCTATTGCTGAAGCAG  
 AAAAACTCTTAAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATCA  
 TGGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAGAAGGCTGGCG  
 ATGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTTC  
 CCCTCCTAAGCATGTTCAATATCCATGAGAACCCTTAGAAGCTCTTCTGGAACCTCAAGCTTATGCTGA  
 TGTTTCAGGCAGTCTTAGCAAAGTATGATGATAAAGCTTACCAAAGTCCGGCACAATATGCTACACAGCC  
 GCCCTGCTCAAAGCAAGAGCTGTCTCTGACAAATTCTCTCCAGAGGCTGCGTCTCGGAGGGGGCTGAGCA  
 CAGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCCAAAATATCT  
 ACTAGAAAATGAAAAGCTTAATCCTCCACACAGAACACATCCTGAAGAGAGGAGACAGTGAAGCGATAGCA  
 TATGCATTCTTTCATCTTGCACACTGGAAGAGGGTGAAGGGGCTTTGAATCTCTTGCATTGTACGTGGG  
 AAGGCACTTTCGGATGATCCCCTATCCCCTGGAGAAGGGACACCTATTTTATCCATACCCAATCTGTAC  
 AGAAACAGCTGACCGGGAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCAAAGAAGGAACTTCCC  
 TTCTTCATCCTCTTCACTGCTGGACTGTCTCCTTACAGCCATGCTGGCCCTCTGACACATCAGTTTC  
 CGGAACCTATGGGAGTCTTCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAACCTTGTATGGA  
 GAAAGTGAAAGCATCTCCCTCCAGTTGTGGCATCAGCTGACACGGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001289626
- Insert Size:** 1665 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001289626.1](#), [NP\\_001276555.1](#)

**RefSeq Size:** 2141 bp

**RefSeq ORF:** 1665 bp

**Locus ID:** 64213

**Cytogenetics:** 6 A2