

## Product datasheet for **MC228341**

### St7 (NM\_001289625) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289625) 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:** >MC228341 representing NM\_001289625  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGAGGCGGGCGGGCTTCTGGAGCAGCTCAAGTCTGCATCGTGTGGTCTGGACCTATCTGT  
 GGACCGTGTGGTTCTTCTCGTCTCTTCTGGTCTACATCCTGAGGGTGCCCTGAGGATCAACGACAA  
 CCTGAGCACAGTGAAGTATTTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTTCC  
 TCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTCATTG  
 AACAAAGTCTCCGTAAAGCCACTTGCGCCCTTCTGGGAGGGGTTGACAACAACCTTCCAATAATTCTAA  
 TTCCAGTAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCACTG  
 AATCTGTTTAGGGGTGCGGAATAAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTATG  
 ACATGAACCTCTCTGCCAGGACCACCAGACATTTTACTTGTGATTGAGATCATCTTCGCCCTGCAGA  
 TGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCTTG  
 GAGATAAACGAAATTAGGTCCAGAGTTGAAGTTCCTCAATTGCTTCTACCATCTGGGAGATAAAAT  
 TGTACCAAAGTGTGCAACTGCGTACATTTCTTGGCGGAAGAAGAAGCGACAACCTATTGCTGAAGCAGA  
 AAAACTCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATCAT  
 GGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAAGAAGGCTGGCGA  
 TGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTTCC  
 CCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTTCTTGGAACTCCAAGCTTATGCTGAT  
 GTTCAGGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAATATGCTACACAGCCG  
 CCCTGCTCAAAGCAAGAGCTGTCTTGACAAATCTCTCCAGAGGCTGCGTCTCGGAGGGGGTGCAGC  
 AGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCCAAAATATCTA  
 CTAGAAAATGAAAAGCTTAACTCTCCACCAAGAACACATCTGAAGAGAGGAGACAGTGAAGCGATAGCAT  
 ATGCATTTCTTTCATCTTGACACTGGAAGAGGGTGAAGGGGCTTGAATCTCTTGCACTTTTCCGGAT  
 GATCCCGTATCCCTGGAGAAGGACACCTATTTTATCCATACCCAATCTGTACAGAAAACAGCTGACCGG  
 GAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCCAAAGAAGGAACCTCCCTTCTTCATCCTTTCA  
 CTGCTGGACTGTCTCCTCACAGCCATGCTGGCCCTCCTGACACATCAGTTTCCGGAACCTATGGGAGT  
 CTTGCGAAAAGCTTCTCAGCACTTTGTTGGCCCTTGAACCTTGTATGGAGAAAGTGGAAAGCATC  
 CTCCTCCAGTTTGTGGCATCAGCTGACACGGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001289625
- Insert Size:** 1719 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\\_001289625.1](#), [NP\\_001276554.1](#)

**RefSeq Size:** 2195 bp

**RefSeq ORF:** 1719 bp

**Locus ID:** 64213

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

**Cytogenetics:** 6 A2