

Product datasheet for **MC228357**

St7 (NM_001289624) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289624) 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: >MC228357 representing NM_001289624
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAGGCGGGCGGGCTTCTGGAGCAGCTCAAGTCTGCATCGTGTGGTCTGGACCTATCTGT
 GGACCGTGTGGTTCTTCCCTCGTCTCTTCTGGTCTACATCCTGAGGGTGCCCTGAGGATCAACGACAA
 CCTGAGCACAGTGAAGTATTTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTTCC
 TCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTCATTG
 AACAAAGTCTCCGTAAAGCCACTTGCGCCCTTCTGGGAGGGGTTGACAACAACCTTCCAAATAATTCTAA
 TTCCAGTAAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCACTG
 AATCTGTTTAGGGGTGCGGAATAAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTATG
 ACATGAACCTCTCTGCCAGGACCACCAGACATTTTACTTGTGATTGAGATCATCTTCGCCCTGCAGA
 TGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCTTG
 GAGATAAACGAAATTAGGTCCAGAGTTGAAGTTCCTCAATTGCTTCTCTACCATCTGGGAGATAAAAT
 TGTACCAAAGTGTGCAACTGCGTACATTTCTTGGCGGAAGAAGAAGCGACAACCTATTGCTGAAGCAGA
 AAAACTCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATCAT
 GGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAGAAGGCTGGCGA
 TGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTTCC
 CCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTCTTCTGGAACCTCAAGCTTATGCTGAT
 GTTCAGGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAATATGCTACACAGCCG
 CCTGCTCAAAGCAAGAGCTGTCTCTGACAAATCTCTCCAGAGGCTGCGTCTCGGAGGGGGTGCAGC
 AGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCCAAAATATCTA
 CTAGAAATGAAAAGCTTAACTCTCCACCAAGAACACATCTGAAGAGAGGAGACAGTGAAGCGATAGCAT
 ATGCATCTTTTCACTTGCACACTGGAAGAGGGTGAAGGGGCTTGAATCTCTTGCATTGTACGTGGGA
 AGGCACCTTTCCGGATGATCCCGTATCCCTGGAGAAGGGACACCTATTTTATCCATACCCAATCTGTACA
 GAAACAGCTGACCGGGAGCTGCTCCCTCTTCCATGAAGTCTCAGTTTACCCAAAGAAGGAACTTCCCT
 TCTTCATCTCTCACTGCTGGACTGTGCTCCTTACAGCCATGCTGGCCCTCTGACACATCAGTTTCC
 GGAACCTTATGGGAGTCTTCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAACCTTGTATGGAG
 AAAGTGGAAAGCATCCTCCCTCCAGTTTGTGGCATCAGCTGACACGGATC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001289624
- Insert Size:** 1734 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_001289624.1](#), [NP_001276553.1](#)

RefSeq Size: 2210 bp

RefSeq ORF: 1734 bp

Locus ID: 64213

UniProt ID: [Q99M96](#)

Cytogenetics: 6 A2