

Product datasheet for **MC228094**

St7 (NM_001289629) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289629) 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: >MC228094 representing NM_001289629
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAATATGCAGTGAGCATGTTTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTT
 CCTCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTCAT
 TGAACAAGTCTCCGTAAGCCACTTGCGCCCTTCTGGGAGGGTTGACAACAACCTTCCAATAATTCT
 AATTCCAGTAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCAC
 TGAATCTGTTTAGGGTGCAGAAATAATCGGTACACTGGGTACAGGACGAGAGCCTCTGACCTACTA
 TGACATGAACCTCTGCCAGGACCACCAGACATTCTTACTTGTGATTCAGATCATCTTGCCTGCA
 GATGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCT
 TGGAGATAAACGAGTGTGCAACTGCGTACATTCTTGGCGGAAGAAGAAGCGACAACCTATTGCTGAAGC
 AGAAAACTCTTAAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACAT
 CATGGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAAGAAGGCTGG
 CGATGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTT
 TCCCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTTCTGGAACCTCAAGCTTATGCT
 GATGTTACGGCAGTCTTAGCAAAGTATGATGATAAAGCTTACCAAAGTCGGCGACAATATGCTACACAG
 CCGCCCTGCTCAAAGCAAGAGCTGTCTGACAAATTCTCCAGAGGCTGCGTCTCGGAGGGGGCTGAG
 CACAGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACAGTGCACAAATAT
 CTACTAGAAATGAAAAGCTTAACTCTCCACCAGAACACATCTGAAGAGAGGAGACAGTGAAGCGATAG
 CATATGCATTCTTTCATCTTGCACACTGGAAGAGGGTGAAGGGCTTTGAATCTCTTGCATTGTACGTG
 GGAAGGCACTTTCCGGATGATCCCGTATCCCTGGAGAAGGGACACCTATTTTATCCATACCCAATCTGT
 ACAGAAAACAGCTGACCGGAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCCAAAAGGAAGTTC
 CCTTCTCATCTCTTCACTGCTGGACTGTGCTCCTTCACAGCCATGCTGGCCCTCTGACACATCAGTT
 TCCGGAACCTATGGGAGTCTTCGCAAAAAGCTTCTCAGCACTTTGTTTGCCTTGAACCTTGTATG
 GAGAAAGTGAAAGCATCTCCCTCCAGTTTGTGGCATCAGCTGACACGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001289629
- Insert Size:** 1527 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_001289629.1](#), [NP_001276558.1](#)

RefSeq Size: 1875 bp

RefSeq ORF: 1527 bp

Locus ID: 64213

UniProt ID: [Q99M96](#)

Cytogenetics: 6 A2