OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC228199

St7 (NM_001289627) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (NM_001289627) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St7
Synonyms:	9430001H04Rik; Fam4a2; HELG; RAY1; SEN4; TSG7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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>MC228199 representing NM_001289627
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAATATGCAGTGAGCATGTTTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTT
CCTCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTCAT
TGAACAAGTCTCCGTAAGCCACTTGCGCCCCCTTCTGGGAGGGGTTGACAACAACTCTTCCAATAATTCT
AATTCCAGTAATGGAGACTCAGATTCCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCAC
TGAATCTGTTTAGGGGTGCGGAATATAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTA
TGACATGAACCTCTCTGCCCAGGACCACCAGACATTCTTTACTTGTGATTCAGATCATCTTCGCCCTGCA
GATGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCT
TGGAGATAAACGAAATTAGGTCCAGAGTTGAAGTTCCCCTAATTGCTTCCTCTACCATCTGGGAGATAAA
ATTGTTACCAAAGTGTGCAACTGCGTACATTCTCTTGGCGGAAGAAGAAGCGACAACTATTGCTGAAGCA
GAAAAACTCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATC
ATGGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAGAAGGCTGGC
GATGTGTGCCCGGAGACTTGGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTT
CCCCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTCTTCTGGAACTCCAAGCTTATGCTG
ATGTTCAGGCAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAATATGCTACACAGC
CGCCCTGCTCAAAGCAAGAGCTGTCTCTGACAAATTCTCTCCAGAGGCTGCGTCTCGGAGGGGGCTGAGC
ACAGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCCAAAATATC
TACTAGAAATGAAAAGCTTAATCCTCCCACCAGAACACATCCTGAAGAGAGGAGACAGTGAAGCGATAGC
ATATGCATTCTTTCATCTTGCACACTGGAAGAGGGTGGAAGGGGCTTTGAATCTCTTGCATTGTACGTGG
GAAGGCACTTTCCGGATGATCCCGTATCCCCTGGAGAAGGGACACCTATTTTATCCATACCCAATCTGTA
CAGAAACAGCTGACCGGGAGCTGCTTCCCTCTTTCCATGAAGTCTCAGTTTACCCAAAGAAGGAACTTCC
CTTCTTCATCCTCTTCACTGCTGGACTGTGCTCCTTCACAGCCATGCTGGCCCTCCTGACACATCAGTTT
CCGGAACTTATGGGAGTCTTCGCAAAAGCTTTCCTCAGCACTTTGTTTGCCCCCTTGAACTTTGTTATGG
AGAAAGTGGAAAGCATCCTCCCCTCCAGTTTGTGGCATCAGCTGACACGGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

ACCN: NM_001289627

Insert Size: 1596 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).

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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_001289627.1, NP_001276556.1
RefSeq Size:	1944 bp
RefSeq ORF:	1596 bp
Locus ID:	64213
UniProt ID:	Q99M96
Cytogenetics:	6 A2

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