

Product datasheet for **MC218353**

St7 (BC024652) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7 (BC024652) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St7
Synonyms:	RAY1, HELG, SEN4, TSG7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC024652
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCGAGGCGGGCGGGCTTCTGGAGCAGCTCAAGTCTGCATCGTGTGGTCTGGACCTATCTGT
GGACCGTGTGGTTCTTCTCGTCTCTTCTGGTCTACATCCTGAGGGTGCCCTGAGGATCAACGACAA
CCTGAGCACAGTGAAGTATTTTTGAACACGTTAACCCCAAAGTTCTACGTGGCCCTGACAGGCACTTCC
TCGCTAATATCGGGACTTATTTTGATATTTGAATGGTGGTATTTTCGCAAGTATGGAACATCTTTCATTG
AACAAAGTCTCCGTAAAGCCACTTGCGCCCTTCTGGGAGGGGTTGACAACAACCTTCCAATAATTCTAA
TTCCAGTAAATGGAGACTCAGATTTCAACAGACAAAGTGTCTCAGAATGCAAAGTATGGCGAAATCCACTG
AATCTGTTTAGGGGTGCGGAATAAATCGGTACACTTGGGTCACAGGACGAGAGCCTCTGACCTACTATG
ACATGAACCTCTCTGCCAGGACCACCAGACATTTTACTTGTGATTGAGATCATCTTCGCCCTGCAGA
TGCAATAATGCAAAAAGCTTGGAGAGAAAGGAACCTCAAGCCAGGATTTCTGCAGCTCATGAAGCCTTG
GAGATAAACGAAATTAGTCCAGAGTTGAAGTTCCTCAATTGCTTCTACCATCTGGGAGATAAAAT
TGTTACCAAAGTGTGCAACTGCGTACATTTCTTGGCGGAAGAAGAAGCGACAACCTATTGCTGAAGCAGA
AAAACCTTTAAGCAGGCCCTGAAGGCTGGAGATGGTTGTTACCGGCGCTCTCAGCAGCTACAACATCAT
GGGTCCCAGTATGAAGCTCAACACAGACGAGACACCAATGTCTTAGTCTATATCAAAAAGAAGGCTGGCGA
TGTGTGCCCGGAGACTTGAAGGACCAGAGAAGCAGTGAAGATGATGAGAGATTTAATGAAGGAGTTTCC
CCTCCTAAGCATGTTCAATATCCATGAGAACCTTCTAGAAGCTCTTCTGGAACCTCAAGCTTATGCTGAT
GTTGAGGAGTCTTAGCAAAGTATGATGATATAAGCTTACCAAAGTCGGCGACAATATGCTACACAGCCG
CCCTGCTCAAAGCAAGAGCTGTCTCTGACAAATTTCTCCAGAGGCTGCGTCTCGGAGGGGGTGAAGC
AGCAGAGATGAATGCAGTAGAAGCCATCCACAGAGCTGTGGAATTTAATCCACACGTGCCAAAATATCTA
CTAGAAATGAAAAGCTTAACTCTCCACCAAGAACACATCTGAAGAGAGGAGACAGTGAAGCGATAGCAT
ATGCATTTCTTCTCGCACACTGGAAGAGGGTGAAGGGGCTTGAATCTCTTGCATTCTTCCGGAT
GATCCCGTATCCCTGGAGAAGGACACCTATTTTATCCATACCCAATCTGTACAGAAACAGCTGACCCG
GAGCTGCTTCCCTCTTCCATGAAGTCTCAGTTTACCCAAAGAAGGAACCTCCCTTCTTCACTCTTCA
CTGCTGGACTGTCTCCTCACAGCCATGCTGGCCCTCCTGACACATCAGTTTCCGGAACCTATGGGAGT
CTTCGAAAAGCTTCTCAGCACTTTGTTTGGCCCTTGAACCTTGTATGGAGAAAGTGGAAAGCATC
CTCCCTCCAGTTTGTGCATCAGCTGACACGGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC024652

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).

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: [BC024652](#), [AAH24652](#)

RefSeq Size: 2208 bp

RefSeq ORF: 1718 bp

Locus ID: 64213

Cytogenetics: 6 A2