

Product datasheet for **MC227925**

St7l (NM_001253703) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7l (NM_001253703) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	St7l
Synonyms:	St7r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227925 representing NM_001253703
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACGGAGACTACTTCGCGGAAGCCGCGGGCCGTGGGGTGTCGCCATGCACCTGTTCTGGCT
 TGGGCCTGGGCCCGCCGCTGGGCTGAAAAGAGCGGCTGAAGGCCGGTTGGCGAACTCTGGGTCCACGCT
 GTGGTTCCTGGCGGGGCTGGGGCTGCTTACGCTCTGAGGGTCCCCTGAGGCTGTGTGACAACGTGACA
 GCGGTGACAGGGTTTTAAGTTCACTGACACCCAAGTTCTATGTGGCACTTACAGGGACATCTTCTTTGA
 TATCTGGACTAATATTTATTTGAATGGTGGTACTTCCATAAGCATGGTACATCTTTTATTGAACAAGT
 GTCCATAAGCCATTTGCGGCCACTGATGGGAGGAACAGAGAGTAGCATTTTACAGAGCCGGCTCTCCTGCC
 AACAGCAGAGAAAGTAAACCCCTCAGACACCACCATCTATCAGAATGCAAGGTCTGGAGAAACCCTTTAA
 ACCTCTTCAGAGGAGCAGAATACAGAAGATACACTTGGGTGACTGGTAAAGAGCCACTTACTTACTATGA
 CATGAACTTGCTGCCAGGATCACCAGACCTTTTTCACCTGTGAAACAGACTTTTTACGTCCTTCAGAC
 ACAGGGCGAGATACCAATGTACTTGTGTATATTTAAAAGAAGATTGGCCATGTGTGCGAGAAAATTGGGAA
 GAATAAGAGAAGCAGTGAATAATGAGAGATTTGATGAAAGAATTTCTCCTCTTACCATGTTGAACAT
 CCATGAAAATCTTTAGAAATCACTTCTAGAATTGCAGGCCATGCAGATGTTTCAGGCAGTCTGGCAAAA
 TATGATGATATAAGCCTTCCAAAGTCAGCGGCCATCTGCTACACAGCAGCACTACTGAAAACAAGAACC
 TCTCAGATAAATCTCTCCAGAAACAGCCTTCCAGAAAAGGGTTAAGCACAGCAGAAATTAATGCTGTGGA
 AGCAATTCATAGAGCTGTGGAATTAATCCTCATGTTCCAAAATACTTACTAGAGATGAAAAGTTTAAATC
 TTACCTCCAGAACACATTTCTGAAGCGAGGAGATAGCGAAGCAATTGCCTATGCTTTCTTTTACATCTACAGC
 ACTGGAACGAATAGAAGGTGCTCTGAATCTCCTGCAGTGTACATGGGAAGGCACCTTTTGAATGATTCC
 ATACCCATTAGAGAAAGGACATCTATTTTACCCTTATCCAGCTGCACAGAGACTGCTGATAGAGAGCTA
 TTGCTACTTTCCATCAGTCTCTGTCTATCCAAAGAAGGAGCTTCTTTTTTTCATCCACTTTACAGCAG
 GACTGTGCTCCTCTACCGAATGCTAGCGTTTCTCACTCACCAGTTTCTGAAGTCATGGGTGTTTTTGC
 TAAAGCTGTGAGTATGATCTCCAGGACTTGTGTGGAGTATTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001253703
- Insert Size:** 1446 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_001253703.1](#), [NP_001240632.1](#)

RefSeq Size: 5505 bp

RefSeq ORF: 1446 bp

Locus ID: 229681

UniProt ID: [Q8K4P7](#)

Cytogenetics: 3 F2.2