

Product datasheet for **MR208864**

St7l (NM_153091) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St7l (NM_153091) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	St7l
Synonyms:	St7r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208864 representing NM_153091
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGACGGAGACTACTTCGCGGAAGCCGCGGGCCGTGGGGTGTCCCCATGCACCTGTTCTGGCT
 TGGGCCTGGGCCCGCGCTGGGCTGAAAAGAGCGGCTGAAGGCCGGTTGGCGAACTCTGGTCCACGCT
 GTGGTTCCTGGCGGGCTGGGGCTGCTTACGCTCTGAGGGTCCCCTGAGGCTGTGTGACAACGTGACA
 GCGGTGACAGGGTTTTAAGTTCACTGACACCCAAGTTCTATGTGGCACTTACAGGGACATCTTCTTTGA
 TATCTGGACTAATATTTATTTGAATGGTGGTACTTCCATAAGCATGGTACATCTTTTATTGAACAAGT
 GTCCATAAGCCATTTGCGGCCACTGATGGGAGGAACAGAGAGTAGCATTTTACAGAGCCGGCTCTCCTGCC
 AACAGCAGAGAAAGTAAACCCCTCAGACACCACCATCTATCAGAATGCAAGGTCTGGAGAAACCCTTAA
 ACCTCTTACAGAGGAGCAGAATACAGAAGATACACTTGGGTGACTGGTAAAGAGCCACTTACTTACTATGA
 CATGAACTTGCTGCCCAGGATCACCAGACCTTTTACCTGTGAAACAGACTTTTTACGTCCTTACAGAC
 ACAGTTATGCAGAAGGCATGGAGGGAAAGAAATCCTCCAGCTCGAATCAAAGCAGCTATCAAGCTTTAG
 AGTAAACAATGACTGTGCCACTGCCTACGTCCTACTGGCCGAAGAAGAAGCAACAACCATTTGTAGATGC
 TGAAAGGTTGTTTAAACAGGCACTCAGGGCAGGAGAGATAATTTATAGACGGTACAGCAATGCCAGCAC
 CAGAGCCCTCAGCATGAAGCTCAACTGAGGCGAGATACCAATGTACTTGTGTATATTTAAAGAAGATTGG
 CCATGTGTGCGAGAAAATGGGAAGAATAAGAGAAGCAGTGAAAATAATGAGAGATTTGATGAAAGAATT
 TCCTCCTTACCATGTTGAACATCCATGAAAATCTTTTGAATCACTTCTAGAATTGCAGGCCTATGCA
 GATGTTTACGGCAGTCTGGCAAATATGATGATATAAGCCTTCCAAGTCAGCGCCATCTGCTACACAG
 CAGCACTACTGAAAACAAGAACCCTCAGATAAATCTCTCCAGAAACAGCCTTCCAGAAAGGGTTAAG
 CACAGCAGAAAATTAATGCTGTGGAAGCAATTCATAGAGCTGTGGAATTTAATCCTCATGTTCCAAAATAC
 TTAGTAGAGATGAAAAGTTAATCTTACCTCCAGAACACATTCTGAAGCGAGGAGATAGCGAAGCAATTG
 CCTATGCTTTCTTTCATCTACAGCACTGAAAACGAATAGAAGGTGCTCTGAATCTCCTGCAGTGTACATG
 GGAAGGCACTTTTAGAATGATTCCATACCATTAGAGAAAGGACATCTATTTACCCTTATCCCAGCTGC
 ACAGAGACTGCTGATAGAGAGCTATTGCCTACTTCCATCACGTCTCTGTCTATCCAAAGAAGGAGCTTC
 CTTTTTTCATCCACTTACAGCAGGACTGTGCTCCTCTACCGCAATGCTAGCGTTTCTCACTCACCAGTT
 TCCTGAAGTCATGGGTGTTTTGCTAAAGCTGTGAGTATGATCTCCAGGACTTGTGTGGAGTATTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208864 representing NM_153091
 Red=Cloning site Green=Tags(s)

MADGDYFAEARAVGCPHAPVPLGLGPPLGWKERLKAGLANSGSTLWFLAGLGLLYALRVPLRLCDNVT
 AVTGFLSSLTPKFYVALTGSSLSGLIFIFEWYFHKHGTFSFIEQVSIHLRPLMGGTESSISEPGSPA
 NSRESETLRHHHLSECKVWRNPLNLFRAEYRRYTWTGKEPLTYDMNLSAQDHQTFCTDFLRPSD
 TVMQAWRERNPPARIKAAAYQALELNNDCAAYVLLAEEEEATTIVDAERLFKQALRAGEIIRYSQQCQH
 QSPQHEAQLRRDNLVYIKRRLAMCARKLGRIREAVKIMRDLMKEFPPLTMLNIHENLLESLELQAYA
 DVQAVLAKYDDISLPKSAACYTAALLKTRTVSDKFSPEAFRKLSTAEINAVEAIHRAVEFNPHVPKY
 LLEMKSLILPPEHILKRGDSEAIAYAFHLLQHWKRIEGALNLLQCTWEGTFRMIPYPLEKGHLYFPYPS
 TETADRELLPTFHHVSVYPKELPFFIHF TAGLCSSTAMLAFLTHQFPEVMGVFAKAVSMISRTCEVYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_c09.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_153091

ORF Size: 1677 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_153091.3](#), [NP_694731.1](#)

RefSeq Size: 5739 bp

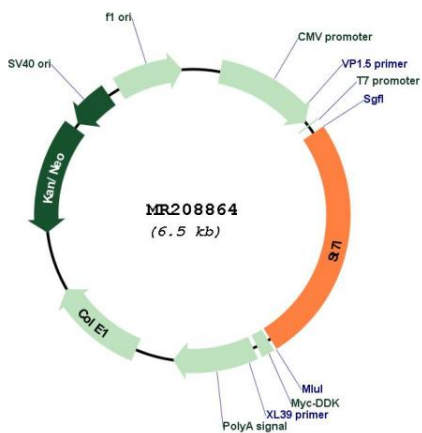
RefSeq ORF: 1680 bp

Locus ID: 229681

UniProt ID: [Q8K4P7](#)

Cytogenetics: 3 F2.2
 MW: 63.8 kDa

Product images:



Circular map for MR208864