

Product datasheet for **SC306069**

ST7L (NM_138727) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ST7L (NM_138727) Human Untagged Clone
Tag:	Tag Free
Symbol:	ST7L
Synonyms:	FAM4B; ST7R; STLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC306069 representing NM_138727.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGGACCGTGGCGGGTGGGTGAAGCCGACGCTGTTGGAGCGTCTCCTGCATCTGTCCCTGGCCTA
AACCCGACGCTAGGCTGGAGGGAGCGACTGCGGGCCGGCTGGCGGGACTGGGGCCTCGTTGTGGTTC
GTGGCGGGGCTGGGGCTGCTTTACGCCCTGAGGATCCCTTTGAGGCTGTGTGAGAATTTGGCAGCGGGG
ACCTCTTCATTGATATCAGGACTAATATTTATATTTGAATGGTGGTACTTCCATAAGCATGGCACATCT
TTTATTGAGCAAGTATCTGTAAGCCATTTGCAACCACTGATGGGAGAACAGAGAGCAGCATTTCAGAA
CCAGGTTCTCCTTCGAGGAACAGAGAAAATGAAACCAGCAGACAGAAATTTGTGAGAATGTAAGGTATGG
AGAAACCCCTAAATCTTTTCAGAGGAGCAGAATATAGGAGATACACTTGGGTGACTGGTAAAGAGCCA
CTTACATACTATGACATGAACCTGTCAGCTCAGGACCATCAGACCTTTTTACCTGTGACACAGATTTT
TTACGTCCTTCAGACACAGTTATGCAGAAGGCTTGGAGGGAAAGAAATCCTCCAGCTCGAATCAAAGCA
GCCTATCAAGCTTTAGAATTAACAATGACTGTGCCACTGCATATGTTCTACTGGCTGAGGAAGAAGCA
ACAACTATTGTAGATGCTGAAAGGTTATTTAAACAGGCCTCAAGGCAGGAGAAAACAATTTATAGGCAG
TCACAGCAGTGCCAGCACAAAGTCCTCAGCATGAAGCTCAACTGAGGAGAGATACCAATGTACTGGTA
TATATTAAGAAAGATTGGCAATGTGTGCAAGAAAATTAGGAAGAATAAGAGAAGCAGTAAAAATAATG
AGAGATTTGATGAAAGAAATTTCCCTCTTACCATGTTGAACATCCATGAAAATCTTTAGAACTCACTT
TTAGAATTACAGGCCTATCCAGATGTTCCAGGCAGTCTAGCAAAATATGATGATAAAGCCTTCCAAAG
TCAGCAGCAATCTGTTACACAGCAGCACTGTTGAAGACAAGGACTGTTTCAGAAAAATCTCTCCAGAA
ACAGCCTCCAGAAGAGGATTAAGCACAGCAGAAATTAATGCCGTGGAAGCAATTCATAGAGCTGTGGAA
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AAACGGGTGATAGTGAAGCAATTCCTATGCTTTCTTTTCATCTCAGCACTGAAAACGAATAGAAGGT
GCTCTTAATCTGTTACAGTGACATGGGAAGGCACTTTTGAATGATTCCATACCCGTTAGAGAAAAGGA
CATCTATTTTACCCTTATCCCAGCTGCACAGACGGCTGATAGAGAGCTATTACCTACCTTTCATCAT
GTTTCTGTTTACCCAAAAAGGAGCTTCTTTGTTTCATCCATTTACAGCAGGATTTTGTCTTCTACA
GCAATGATAGCCATTCTCACTCACCAGTTTCTGAAATCATGGGTATTTTGTCTAAAGCTGTGCTGGGA
CTCTGGTGCCCCAACCTGGGCATCCTCAGGCTTTGAGGAGAATACACAGGATTTGAAGTCAGAAGAC
CTAGGTTTGAGTTCTGGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_138727
- Insert Size:** 1677 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_138727.3](#)

RefSeq Size: 4501 bp

RefSeq ORF: 1677 bp

Locus ID: 54879

UniProt ID: [Q8TDW4](#)

Cytogenetics: 1p13.2

Protein Families: Transmembrane

MW: 62.9 kDa

Gene Summary: This gene was identified by its similarity to the ST7 tumor suppressor gene found in the chromosome 7q31 region. This gene is clustered in a tail-to-tail manner with the WNT2B gene in a chromosomal region known to be deleted and rearranged in a variety of cancers. Several transcript variants encoding many different isoforms have been described, but some have not been fully characterized. [provided by RefSeq, Feb 2011]
Transcript Variant: This variant (2) lacks an alternate in-frame segment, compared to variant 1, resulting in an isoform (2) that is missing an internal region, as compared to isoform 1.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.