

Product datasheet for **SC313986**

ST7L (NM_138729) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ST7L (NM_138729) Human Untagged Clone
Tag: Tag Free
Symbol: ST7L
Synonyms: FAM4B; ST7R; STLR
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_138729, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGACCGTGGCGGCGTGGGTGAAGCCGACGCTGTTGGAGCGTCTCCTGCATCTGTC
CCTGGCCTAAACCCGACGCTAGGCTGGAGGGAGCGACTGCGGGCCGGGCTGGCGGGGACT
GGGGCCTCGTTGTGGTTCGTGGCGGGGCTGGGGCTGCTTTACGCCCTGAGGATCCCTTTG
AGGCTGTGTGAGAATTTGGCAGCGGTGACTGTATTTTTAAATTCATTGACACCCAAATTC
TATGTGGCACTTACAGGGACCTTTCATTGATATCAGGACTAATATTTATATTTGAATGG
TGGTACTTCCATAAGCATGGCACATCTTTTATTGAGCAAGTATCTGTAAGCCATTTGCAA
CCACTGATGGGAGGAACAGAGAGCAGCATTTCAGAACCAGGTTCTCCTTCGAGGAACAGA
GAAATGAAACAGCAGACAGAATTTGTGAGAATGTAAGGTATGGAGAAACCCCTCTAAAT
CTTTTCAGAGGAGCAGAATATAGGAGATACACTTGGGTGACTGGTAAAGAGCCACTTACA
TACTATGACATGAACCTGTCAGCTCAGGACCATCAGACCTTTTTACCTGTGACACAGAT
TTTTTACGTCTTCAGACACAGTTATGCAGAAGGCTTGGAGGGAAAGAAATCCTCCAGCT
CGAATCAAAGCAGCCTATCAAGCTTTAGAATTAACAATGACTGTGCCACTGCATATGTT
CTACTGGCTGAGGAAGAAGCAACAATTTAGGCAGTCACAGCAGTGCCAGCACCAAGTCCTCAG
CATGAAGCTCAACTGAGGAGAGATACCAATGTAAGTATATATTTAAAGAAAGATTGGCA
ATGTGTGCAAGAAAATTAGGAAGAATAAGAGAAGCAGTAAAAATAATGAGAGATTTGATG
AAAGAATTTCTCCTCTTACCATGTTGAACATCCATGAAAATCTCTTAGAATCACTTTTA
GAATTACAGGCCTATCCAGATGTTCAAGCAGTCCTAGCAAAATATGATGATATAAGCCTT
CCAAAGTCAGCAGCAATCTGTTACACAGCAGCACTGTTGAAGACAAGGACTGTTTCAGAA
AAATTCCTCCAGAAACAGCCTCCAGAAGAGGATTAAGCACAGCAGAAATTAATGCCGTG
GAAGCAATTCATAGAGCTGTGGAATTTAATCCTCATGTTCCAAAATATTTATTAGAGATG
AAAAGTTAATTTACCTCCAGAACACATTCTGAAACGGGGTGATAGTGAAGCAATTGCC
TATGCTTTCTTTTATCTTCAAGCACTGAAACGAATAGAAGGTGCTTAAATCTGTTACAG
TGTACATGGGAAGGCACTTTTAGAATGATTCCATACCCGTTAGAGAAAGGACATCTATTT
TACCCCTATCCCAGCTGCACAGAGACGGCTGATAGAGAGCTATTACCTACCTTTTATCAT
GTTTCTGTTTACCCAAAAAGGAGCTTCTTTGTTTATCCATTTTACAGCAGGATTTTGC
TCTTCTACAGCAATGATAGCCATTCTCACTCACCAGTTTCTGAAATCATGGGTATTTTT
GCTAAAGCTGTAAGTATGATCTCAAGGACTTGTGTAGATTATTTG
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Restriction Sites:	Please inquire
ACCN:	NM_138729
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:	<ol style="list-style-type: none">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:	<u>NM_138729.2</u> , <u>NP_620057.1</u>
RefSeq Size:	2142 bp
RefSeq ORF:	1668 bp
Locus ID:	54879
UniProt ID:	<u>Q8TDW4</u>
Cytogenetics:	1p13.2
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 3' coding region and 3' UTR, when compared to variant 1, resulting in an isoform (4) that has a distinct and shorter C-terminus, as compared to isoform 1.</p>