

Product datasheet for **SC319137**

TSSC4 (NM_005706) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TSSC4 (NM_005706) Human Untagged Clone
Tag: Tag Free
Symbol: TSSC4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene sequence for NM_005706.2

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AGACTGCCGAGCAGCCTTGAGCCGTTGAGCAGCTGAACAGAGGCCATGCCGGGGCACTCC
GAGGCCTGAGACGACCACGCCTGTGCCGCTGAGGACCTTCATCAGGGCTCCGTCCACTTG
GCCCGCTTGGCTGTCCAATCACACTCCAGTGTC AACACTGGCACCCAGCAGCCAAGAGA
GGTGTGGCGTGGCCCTGGGGACGCATGGCTGAGGCAGGAACAGGTGAGCCGTCCCCCAGC
GTGGAGGGCGAACACGGGACGGAGTATGACACGCTGCCTTCCGACACAGTCTCCCTCAGT
GACTCGGACTCTGACCTCAGCTTGGCCGGTGGTCTGAAGTGGAAAGCACTGTCCCCGATG
GGGCTGCCTGGGAGGAGGATTGAGTCTGATGAGCCGCCCTCACCCCGTCAGGCCTC
CTCCCAGCCAGGTGCAGCCATTCATCTGAGAGGCATGAGTCCACCTTCTCCCAGCGC
AGCCGTGACATCTTTGACTGCCTGGAGGGGGCGCCAGACGGGCTCCATCCTCTGTGGCC
CACACCAGCATGAGTGACAACGGAGGCTTCAAGCGGCCCTAGCGCCCTCAGGCCGTCT
CCAGTGGAAGGCCTGGGACGGGCCATCGGAGCCCTGCCTCACCAAGGGTGCCTCCGGTC
CCCGACTACGTGGCACACCCCGAGCGCTGGACCAAGTACAGCCTGGAAGATGTGACCGAG
GTCAGCGAGCAGAGCAATCAGGCCACCGCCCTGGCCTTCTGGGCTCCCAGAGCCTGGCT
GCCCCACTGACTGCGTGTCTCCTTCAACCAGGATCCCTCCAGCTGTGGGGAGGGGAGG
GTCATCTTACCAAACCAGTCCGAGGGGTCGAAGCCAGACACGAGAGGAAGAGGGTCTG
GGGAAGGTGGGAGAGCCAGGCAGGGGCGCCTTGGGAATCCTGCCACAGACAGGGGCGAG
GGCCCTGTGGAGCTGGCCATCTGGCCGGGCCGGGAGCCAGAGGCTGAGGAGTGGGGC
AGCCCCATGGAGCCTGCAGGAGGTGGAGGCACTGTCAGGGTCTGTCCACAGTGGGTCT
GTGCCAGGTCTCCCGCCGTGGA AACTGTTGGCTTCCATGGCAGCAGGAAGCGGAGTCTGA
GACCACTTCCGGAACAAGAGCAGCAGCCCCGAGGACCCAGGTGCTGAGGTCTGAGAGGGA
GATGGCCCAGCCTGACCCCACTGGCCACTGCCATCCTGCTGCCTTCCCAGTGGGGCTGGT
CAGGGGGCAGCCTGGCCACTGCCTAGCTGGAATGGGAGGAAGCCTGCAGGTGGCACCCGT
GGCCCTGGCTGCAGTTCTGGGCAGCATCCTCCCAAGCAGAGACCTTGCTGAAGCTCCTGG
GGTGTGGGGTGTGGGCTGGAAGCACTGGCTCCCTGGTAGGGACAATAAAGGTTTTGGGTC
TTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites: Please inquire



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ACCN:	NM_005706
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_005706.2</u> , <u>NP_005697.2</u>
RefSeq Size:	1443 bp
RefSeq ORF:	990 bp
Locus ID:	10078
UniProt ID:	<u>Q9Y5U2</u>
Cytogenetics:	11p15.5
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene is one of several tumor-suppressing subtransferable fragments located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene is located among several imprinted genes; however, this gene, as well as the pan-hematopoietic expression gene (PHEMX), escapes imprinting. This gene may play a role in malignancies and disease that involve this region. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, and 4 all encode the same isoform (a).</p>