

Product datasheet for **SC123306**

MED19 (NM_153450) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED19 (NM_153450) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED19
Synonyms:	DT2P1G7; LCMR1; MED19AS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_153450 edited
 CAGCGCCGGGGCGGAGGGTACGATGGAGAATTTACGGCACTGTTTGGGGCTCAGGCTGA
 CCCACCACCGCCCCAACCGCACTCGGCTTCGGACCAGGAAAGCCTCCACCCCGCCACC
 GCCTCTCGGGCGGGGACCCGGCACGGCCCCGCTCCCACCGCGGCCACGGCTCCTCC
 TGGCGCGACAAGTCAGGAGCTGGCTGTGGCCCTTTTACCTCATGAGGGAAGTCCAGG
 TAGCACAGAGCTGACAGGCAGCAGCAATCTGATCACACACTACAACCTGGAACAAGCCTA
 TAATAAATTTCTGTGGGAAGAAGGTGAAGGAGAAGCTAAGTAACCTCCTGCCTGACCTGCC
 AGGGATGATTGATCTGCCTGGTTCCCATGATAACAGCAGCCTCCGCTCTCTCATTGAGAA
 GCCCCCTATTCTCAGTAGCTCTTTCAATCCTATCACAGGGACCATGCTGGCCGGCTTCCG
 CCTCCACACTGGCCCGTTGCCGGAGCAGTGTCTGTGATGCATATTCAGCCTCCCAAGAA
 GAAGAATAAGCACAAGCACAACAGAGCCGTACCCAGGATCCTGTCCCCCAGGTAAACC
 CAGTTAAGTTCGGTATGGAGCTCTGGACTCCTAAATCCCCTGAAGAAGAAACCAATGTA
 CTGTGGTCTCTTGGGACTTGGGACAGGGACTCTAGCAGCACCTCTGTATCCTTTCTGGCC
 ATTTGGACAAAAGCAGTTGCCCCGACTTGGGATTTTCTGTAGTCTTCAGTGGTTCATAA
 CAGTAGAGGATTTGAGCTTTACAGGTGATAGGTACCTAATGTCTCTACAGAAACCA
 TCTGATTCAGATACAAGAAGAAGAAAAAGAAAAAGAGAGGATCCTGAACGGAAGG
 AAGAAGAAAGAGAAGAAGAAAAAGAAAGGTAGAGTAGAGGCCTATTGCCACAACCCAGTGA
 GTTTCCCCAGATCTACCCCTGTCTAAATACCCTAGAGTTCTTTGCCTCAAGTTGGACC
 CAAGATTGAAAACCAAGGCAGGTTGCAGGTTTCTCCTGTACAGCCTGATCAAAGCCAAG
 GCTAGTTCCTAGTTGTTCTTACCTGCTCTTTCTCCCCAGAATCGACATAGTCCAGAC
 CACCCAGGTATGGGCAGTCCCAGGCCAGCAGCAGCAGCAGCCTACGCTAATAGGACCAC
 TGGACTCTTGGCAGGATGGCTTTTCTGCTGTACTGAACCTGCTGATAAAAGCTGCCTT
 CCAGGCTCTTGGACACTGCCTTGGGAGCATCCTGCAGCTGGGACAGAGGCCAGCTCCTGT
 TGGGCTCAGTTGAGACTAAGTAATTAGGAGAGAGAGGGACATGCTTTTGTAGGCTCATC
 CCAAGTTGGTTTTCTCATGGACATCTTCTCTCCCAGGAAGCTTACAATTTTCTCTCT
 CTCTTTGTGCAATTTGTCTGATTTAGGACTTGTCTGTGTTTTCTTTAAAAAAAAAAAA
 ATTACATTTATCAA
 AA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_153450 unedited
 NGAGTCGGATTTGTATACGACTCATATAGGGCGGCCGCGATTCCCGGGATCAGCGCCGGG
 GCGGAGGGTNACGATGGAGAATTTACGGCACTGTTTGGGGCTCAGGCTGACCCACCACC
 GCCCCCAACCGCACTCGGCTTCGGACCAGGAAAGCCTCCACCCCGCCACCAGCCTCCTGC
 GGGCGGGGACCCGGCACGGCCCCGCTCCCACCGCGGCCACGGCTCCTCCTGGCGCGGA
 CAAGTCAGGAGCTGGCTGTGGCCCTTTTACCTCATGAGGGAAGTCCAGGTAGCACAGA
 GCTGACAGGCAGCAGCAATCTGATCACACACTACAACCTGGAACAAGCCTATAATAAATT
 CTGTGGGAAGAAGGTGAAGGAGAAGCTAAGTAACCTCCTGCCTGACCTGCCAGGGATGAT
 TGATCTGCCTGGTTCCCATGATAACAGCAGCCTCCGCTCTCTCATTGAGAAGCCCTAT
 TCTCAGTAGCTCTTTCAATCCTATCACAGGGACCATGCTGGCCGGCTTCCGCCTCCACAC
 TGGCCCGTTGCCGGAGCAGTGTCTGTGATGCATATTCAGCCTCCCAAGAAGAAGATAA
 GCACAAGCACAACAGAGCCGTACCCAGGATCCTGTCCCCCAGGTAAACCCAGTTAAGT
 TCCGTATGGAGCTCTGGACTCCTAAATCCNCTGAAGAAGAACCAATGACTGTGGTCTC
 TTGGGACTTGGGACAGGGACTCTAGCAGCACCTCTGTATCCTTTCTGGCCATTTGGACAA
 AGCAGTTGCCCGACTTGGATTTTCTGTAGTCTTCAGTGGTTCATAACAGTAGAGGATT
 TTGAGCTTTACAGGTGATAGGTACCCTATGTCTCTACAGAAACACCATCTGATTCAGAT

Restriction Sites: Please inquire
ACCN: NM_153450
Insert Size: 1605 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).
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:	NM_153450.1 , NP_703151.1
RefSeq Size:	1605 bp
RefSeq ORF:	585 bp
Locus ID:	219541
UniProt ID:	A0JLT2
Cytogenetics:	11q12.1
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene is a subunit of the Mediator complex, which binds to gene-specific regulatory factors and provides support for the basal RNA polymerase II transcription machinery. This gene has been implicated in the growth of several types of cancer, and inhibition of its expression inhibits the growth and spread of these cancers. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]</p> <p>Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1. CCDS Note: The coding region has been updated to shorten the N-terminus to one that is more supported by conservation.</p>