

Product datasheet for **SC319088**

MED6 (NM_005466) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MED6 (NM_005466) Human Untagged Clone
Tag: Tag Free
Symbol: MED6
Synonyms: ARC33; NY-REN-28
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005466.2
 AGAGAACCTGTAAACGCTCTCGGAATTATGGCGCGGTGGATATCCGAGACAATCTGCTG
 GGAATTTCTTGGTTGACAGCTTTGGATCCCTATTTTGAACAGTGGTAGTGCCTGGAT
 TACTTTTCAGAAAAGAAGTAATCCTTTTTATGACAGAACATGTAATAATGAAGTGGTCAAA
 ATGCAGAGGCTAACATTAGAACACTTGAATCAGATGGTTGGAATCGAGTACATCCTTTTG
 CATGCTCAAGAGCCATTCTTTTCATCATTGCGAAGCAACAGCGCAGTCCCCTGCCCAA
 GTTATCCCACTAGCTGATTACTATATCATTGCTGGAGTATCTATCAGGCACCAGACTTG
 GGATCAGTTATAAACTCTAGAGTGTACTGACAGTGCATGGTATTCAGTCAGCTTTTGAT
 GAAGCTATGTCATACTGTCGATATCATCCTTCCAAAGGGTATTGGTGGCAGTCAAAGAT
 CATGAAGAGCAAGATAAAGTCAGACCTAAAGCCAAAAGGAAAGAACAAGCTCTATT
 TTTTCAGAGACAACGTGTGGATGCTTTACTTTTAGACCTCAGACAAAAATTTCCACCCAAA
 TTTGTGCAGCTAAAGCCTGGAGAAAAGCCTGTTCCAGTGGATCAAACAAAGAAAGAGGCA
 GAACCTATACCAGAACTGTAAAACCTGAGGAGAAGGAGACCACAAAGAATGTACAACAG
 ACAGTGAAGTAAAGGCCCCCTGAAAAACGGATGAGACTTCAGTGAAGTACTGGACAAA
 AGAGAAGCCTGGAAGACTCCTCATGCTAGTTATCATACCTCAGTACTGTGGCTCTTGAGC
 TTTGAAGTACTTTATTGTAACCTTCTTATTTGTATGGAATGCGCTATTTTTTTGAAAGGA
 TATTAGGCCGGATGTGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCATGGCGG
 GTGGATCACTTGAGGTCAGAAGTTCAAGACCAGCCTGACCAATATGGTGAACCCCGTCT
 CTAATAAAAATACAAAATTAGCCGGCGTGGTGGCGGGCGCCATAGTCCCAGTACTC
 GGGAGGCTGAGACAGGAGACTTGCTTGAACCCGGGAGGTGGAGGTTGCCCTGAGCTGATT
 ATCATGCTGTTGCACTCCAGCTTGGGCGACAGAGCGAGACTTTGTCTCAAAAAAGAAGAA
 AAGATATTATCCCATCATGATTTCTTGTGAATATTTGTATATGTCTTCTGTAACCTTT
 CCTCTCCCGGACTTGAGCAACCTACACACTCACATGTTTACTGGTAGATATGTTTAAAAG
 CAAAATAAAGGTATTTGTATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_005466
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_005466.2</u> , <u>NP_005457.2</u>
RefSeq Size:	1344 bp
RefSeq ORF:	741 bp
Locus ID:	10001
UniProt ID:	<u>O75586</u>
Cytogenetics:	14q24.2
Domains:	MED6
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>