

Product datasheet for SC310602

MED6 (NM_005466) Human Untagged Clone

Product data:

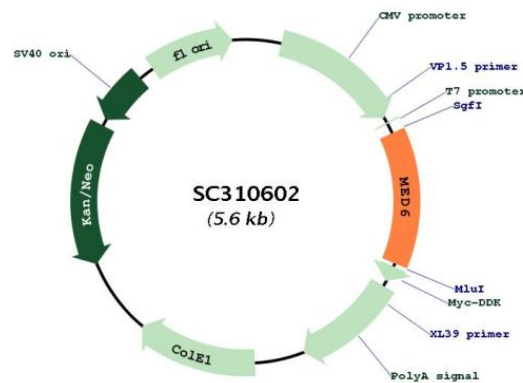
Product Type:	Expression Plasmids
Product Name:	MED6 (NM_005466) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED6
Synonyms:	ARC33; NY-REN-28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310602 representing NM_005466. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTTGGGTTGACAGCTCTTGATCCCTATT
TTGAACAGTGGTAGTGTCTGGATTACTTTTCAGAAAGAAGTAATCCTTTTTATGACAGAACATGTAAT
AATGAAGTGGTCAAAATGCAGAGGCTAACATTAGAACACTTGAATCAGATGGTTGGAATCGAGTACATC
CTTTTGCATGCTCAAGAGCCCATTTCTTTTCATCATTTCGGAAGCAACAGCGGCAGTCCCCTGCCAAGTT
ATCCCACTAGCTGATTACTATATCATTGCTGGAGTGATCTATCAGGCACCAGACTGGGATCAGTTATA
AACTCTAGAGTGCTTACTGCAGTGCATGGTATTAGTCAGCTTTTGTGAAGCTATGTCATACTGTGCA
TATCATCCTTCCAAAGGGTATTGGTGGCACTTCAAAGATCATGAAGAGCAAGATAAAGTCAGACCTAAA
GCCAAAAGGAAAGAACAAGCTCTATTTTTTCAGAGACAACGTGTGGATGCTTTACTTTTAGACCTC
AGACAAAATTTCCACCCAAATTTGTGCAGCTAAAGCCTGGAGAAAAGCCTGTTCCAGTGGATCAAACA
AAGAAAGAGGCAGAACCTATACCAGAACTGTAAACCTGAGGAGAAGGAGACCACAAAGAATGTACAA
CAGACAGTGAGTGCTAAAGGCCCCCTGAAAAACGGATGAGACTTCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_005466

Insert Size: 741 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_005466.3](#)

RefSeq Size:	2386 bp
RefSeq ORF:	741 bp
Locus ID:	10001
UniProt ID:	O75586
Cytogenetics:	14q24.2
Domains:	MED6
Protein Families:	Druggable Genome, Transcription Factors
MW:	28.4 kDa
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>