

Product datasheet for **SC105934**

MED6 (AF074723) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED6 (AF074723) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED6
Synonyms:	ARC33; NY-REN-28
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AF074723, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTTGGGTTGACAGCTCTTGGATCCCTATTT  
TGAACAGTGGTAGTGCCTGGATTACTTTTCAGAAAGAAGTAATCCTTTTATGACAGAACATGTAATAA  
TGAAGTGGTCAAATGCAGAGGTAACATTAGAACAATGAATCAGATGGTTGGAATCGAGTACATCCTT  
TTGCATGCTCAAGAGCCCATTCTTTTCATCATTGGAAGCAACAGCGGCAGTCCCCTGCCAAGTTATCC  
CACTAGCTGATTACTATATCATTGCTGGAGTGATCTATCAGGCACCAGACTTGGGATCAGTTATAAACTC  
TAGAGTGCTTACTGCAGTGCATGGTATTAGTCAGCTTTTGATGAAGCTATGTCATACTGTGCATATCAT  
CCTTCCAAGGGTATTGGTGGCACTTCAAAGTACATGAAGAGCAAGATAAAGTCAGACCTAAAGCCAAAA  
GGAAAGAAGAACCAAGCTCTATTTTTCAGAGACAACGTGTGGATGCTTTTACTTTTAGACCTCAGACAAA  
ATTTCCACCCAAATTTGTGCAGCTAAAGCCTGGAGAAAAGCCTGTTCCAGTGGATCAAACAAGAAAGAG  
GCAGAACCTATACCAGAACTGTAAACCTGAGGAGAAGGAGACCACAAAGAATGTACAACAGACAGTGA  
GTGCTAAAGGCCCCCTGAAAAACGGATGAGACTTCAGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AF074723 unedited ATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTAACGCTCTCG GAATTATGGCGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTTGGGTTGACAGCT CTTGGATCCCTATTTTGAACAGTGGTAGTGTCTGGATTACTTTTCAGAAAAGAAGTAATC CTTTTTATGACAGAACATGTAATAATGAAGTGGTCAAAATGCAGAGGCTAACATTAGAAC ACTTGAATCAGATGGTTGGAATCGAGTACATCCTTTTGCATGCTCAAGAGCCCATTTCTTT TCATCATTGCGGAAGCAACAGCGGCAGTCCCTGCCCAAGTTATCCCACTAGCTGATTACT ATATCATTGCTGGAGTGATCTATCAGGCACCAGACTTGGGATCAGTTATAAACTCTAGAG TGCTTACTGCAGTGCATGGTATTCAATCAGCTTTTGTGAAAGCTATGTCATACTGTCGAT ATCATCCTTCCAAAGGATTTGGTGGCACTTCAAAGATCATGAAGAGCAAGATAAAGTCA GACCTAAAGCCAAAAGGAAAGAAGAACCAAGCTCTATTTTTCAGAGACAACGTGTGGATG CTTTACTTTTAGACCTCAGACAAAAATTTCCACCCAAATTTGTGCAGCTAAAGCCTGGA GAAAAGCCTGTTCCAGTGGATCAAACAAAGAAAGAGGCAGATCCTATACCAGANACTGTA ANACCCTGAGGAGAAGGAGACCACCAAGATTGTACAACAGACAGTGAAGTCTAAAGGGCC CCCTGAAAACGGATGAGACTTACTCACTGAAAACAGCCCTCCCTGATGAGCCCCCATTGT ATGTATAGCCTAACCTTACCCTGCTTCAGGGGTGCCAAGCCTGAAATCATTGGCTTCT CAAACTGCCTGGG
Restriction Sites:	NotI-NotI
ACCN:	AF074723
Insert Size:	3700 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:	<u>AF074723.1</u> , <u>AAC26869.1</u>
RefSeq Size:	1007 bp
RefSeq ORF:	741 bp
Locus ID:	10001
Cytogenetics:	14q24.2
Domains:	MED6
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

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]