

## Product datasheet for **SC334230**

### MED6 (NM\_001284210) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MED6 (NM_001284210) 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:	>NCBI ORF sequence for NM_001284210, the custom clone sequence may differ by one or more nucleotides

```
ATGGCGGCGGTGGATATCCGAGACAATCTGCTGGGAATTTCTTGGGTTGACAGCTCTTGGATCCCTATTT  
TGAACAGTGGTAGTGCTCGGATTACTTTTCAGAAAGAAGTAATCCTTTTTATGACAGAACATGTAATAA  
TGAAGTGGTCAAATGCAGAGGCTAACATTAGAACAATTGAATCAGATGGTTGGAATCGAGTACATCCTT  
TTGCATGCTCAAGAGCCCATTTTTCATCATTGGAAGCAACAGCGGCAGTCCCCTGCCAAGTTATCC  
CACTAGCTGATTACTATATCATTGCTGGAGTGATCTATCAGGCACCAGACTTGGGATCAGTTATAAACTC  
TAGAGTGCTTACTGCAGTGCATGGTATTAGTCAGCTTTTGATGAAGCTATGTCATACTGTCGATATCAT  
CCTTCAAAGGGTATTGGTGGCACTTCAAAGATCATGAAGAGCAAGCTAAAGCCTGGAGAAAAGCCTGTT  
CCAGTGGATCAAACAAAGAAAGAGGCAGAACCTATACCAGAAACTGTAAAACCTGA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001284210
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).



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**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\\_001284210.1](#), [NP\\_001271139.1](#)

**RefSeq Size:** 2270 bp

**RefSeq ORF:** 546 bp

**Locus ID:** 10001

**UniProt ID:** [O75586](#)

**Cytogenetics:** 14q24.2

**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]

Transcript Variant: This variant (3) uses an alternate splice site and lacks an alternate exon in the coding region, which results in a frameshift, compared to variant 1. The encoded isoform (3) is shorter and has a distinct C-terminus, compared to isoform 1.