

## Product datasheet for **RC216296**

### **MED29 (NM\_017592) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
Product Name: MED29 (NM\_017592) Human Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: MED29  
Synonyms: IXL; MED2  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RC216296 representing NM\_017592  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGAAAAGCAACGGGGAGAGACGCAGTCGTAACGCACTTCCGGCGGTCTACGCGAGGAAGATGGCTG  
CATCCCAGCAGCAAGCTTCAGCGGCTTCCTCAGCTGCTGGTGTATCGGGTCCTAGTTCGGCTGGCGGCC  
GGGTCCCAGCAGCAGCCGCAACCGCCAGCACAACTGGTGGGCCCTGCCAGAGCGGCCTCTGCAGCAA  
CAGCAACAGGACTTCGATCCTGTGCAGCGTTATAAGATGCTCATCCGCGAGCTGAAGGAGAGTCTACAGA  
CCTTGATGAAGGTTGCGGCCAAAACCTTGATTCAGAACACTAACATCGACAATGGACAAAAGAGCAGTGA  
TGGACCCATACAGCGCTTTGACAAGTGCCTGGAAGAGTTCTATGCACTCTGTGACCAGCTGGAGCTGTGC  
CTGCGCCTGGCGCATGAGTGCCTGTACAGAGTTGTGACAGTGCCAAGCACTCTCCAACGTTGGTGGCCA  
CAGCCACCAAGCCGACGACGAGTGCAGCCTGACAGCCTCCCTACCCACAGTACCTGGCGGTCAACAAAGC  
CCAGATTTCTGTGCCAAGGACATTCACACCGCCCTGCTGGACTGTGCCAACAAGGTCACGGGCAAGACA  
CCCGCACCACTGCTGGCCCTGGGGCACTCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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\\_017592.2](#), [NP\\_060062.1](#)

**RefSeq Size:** 3604 bp

**RefSeq ORF:** 603 bp

**Locus ID:** 55588

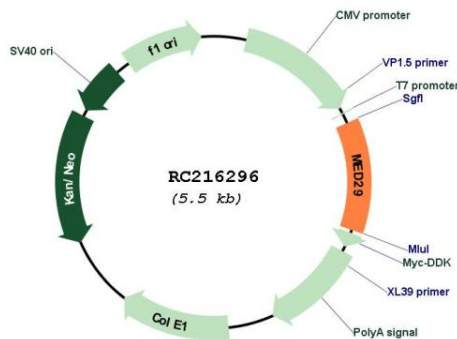
**UniProt ID:** [Q9NX70](#)

**Cytogenetics:** 19q13.2

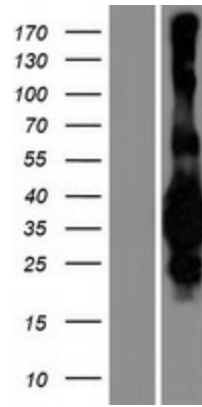
**MW:** 23.3 kDa

**Gene Summary:** MED29 is a subunit of the Mediator complex, a multiprotein coactivator of RNA transcription that interacts with DNA-bound transcriptional activators, RNA polymerase II (see MIM 180660), and general initiation factors (Sato et al., 2003 [PubMed 14576168]).[supplied by OMIM, Aug 2009]

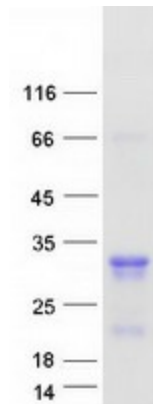
**Product images:**



Circular map for RC216296



Western blot validation of overexpression lysate (Cat# [LY413682]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216296 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified MED29 protein (Cat# [TP316296]). The protein was produced from HEK293T cells transfected with MED29 cDNA clone (Cat# RC216296) using MegaTran 2.0 (Cat# [TT210002]).