

## Product datasheet for **RC202696**

### CRSP9 (MED7) (NM\_004270) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CRSP9 (MED7) (NM_004270) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CRSP9
Synonyms:	ARC34; CRSP9; CRSP33
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC202696 representing NM_004270 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGGTGAACCACAGCAAGTGAGTGCACTTCCACCACCTCCAATGCAATATATCAAGGAATATACGGATGAAAATATTCAAGAAGGCTTAGCTCCAAGCCTCCCCCTCAATAAAAGACAGTTACATGATGTTGGCAATCAGTTCCAATGTGATGATCTTATCATCCGCCCTTTGGAAAGTCAGGGCATCGAACGGCTTCATCCTATGCAGTTTGATCACAAGAAAGAAGTGAAGAACTTAATATGTCTATCCTTATTAATTTCTTGGACCTTTTAGATATTTTAATAAGGAGCCCTGGGAGTATAAAACGAGAAGAGAACTAGAAGATCTTAAGCTGCTTTTGTACACGTGCATCATCTTATAAATGAATACCGACCCACCAAGCAAGAGAGACCTTGAGAGTCATGATGGAGTCCAGAAACGTCAACGGCTTGAACAGCTGAGAGATTTCAAAGCACCTGGAACGAGTAATTGAAATGATTCAGAATTGCTTGGCTTCTTGCCTGATGATTTGCCTCATTGAGAAGCAGGAATGAGAGTAAAACTGAACCAATGGATGCTGATGATAGCAACAATTGACTGGACAGAATGAACATCAAAGAGAAAATTCAGGTCATAGGAGAGATCAGATTATAGAGAAAGATGCTGCCTTGTGTGCCTAATTGATGAGATGAATGAAAGACCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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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\\_004270.5](#)

**RefSeq Size:** 1066 bp

**RefSeq ORF:** 702 bp

**Locus ID:** 9443

**UniProt ID:** [O43513](#)

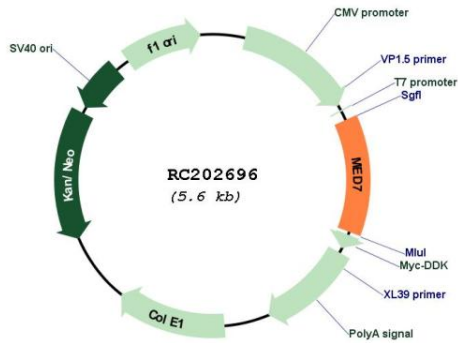
**Cytogenetics:** 5q33.3

**Protein Families:** Druggable Genome, Transcription Factors

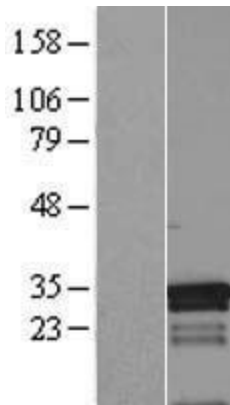
**MW:** 27.1 kDa

**Gene Summary:** The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

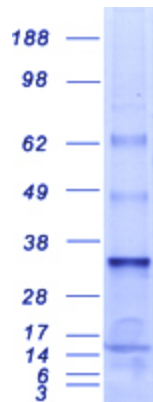
Product images:



Circular map for RC202696



Western blot validation of overexpression lysate (Cat# [LY420292]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC212508] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified MED7 protein (Cat# [TP302696]). The protein was produced from HEK293T cells transfected with MED7 cDNA clone (Cat# RC202696) using MegaTran 2.0 (Cat# [TT210002]).