

## Product datasheet for **SC320839**

### CRSP9 (MED7) (NM\_004270) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CRSP9 (MED7) (NM\_004270) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CRSP9  
**Synonyms:** ARC34; CRSP9; CRSP33  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_004270.3  
GGCTGCAGAGGGGAAGGCGGCTACCAAGTGTAAAGCCAGAGCTGAGGTTCTTGATAGTCCA  
CAATGGGTGAACCACAGCAAGTGCAGTGCACCTCCACCACCTCCAATGCAATATATCAAGG  
AATATACGGATGAAAATATTCAAGAAGGCTTAGCTCCCAAGCCTCCCCCTCCAATAAAG  
ACAGTTACATGATGTTTGGCAATCAGTTCCAATGTGATGATCTTATCATCCGCCCTTTGG  
AAAGTCAGGGCATCGAACGGCTTCATCCTATGCAGTTTGCATCACAAGAAAGAACTGAGAA  
AACTTAATATGTCTATCCTTATTAATTTCTGGACCTTTTAGATATTTAATAAGGAGCC  
CTGGGAGTATAAACGAGAAGAGAACTAGAAGATCTTAAGCTGCTTTTTGTACACGTGC  
ATCATCTATAAATGAATACCGACCCACCAAGCAAGAGAGACCTTGAGAGTCATGATGG  
AGGTCCAGAAACGTCAACGGCTTCAAACAGCTGAGAGATTTCAAAGCACCTGGAACGAG  
TAATTGAAATGATTCAGAATTGCTTGGCTTCTTTGCCTGATGATTTGCCTCATTGAGAAG  
CAGGAATGAGAGTAAAACTGAACCAATGGATGCTGATGATAGCAACAATTGACTGGAC  
AGAATGAACATCAAAGAGAAAATTCAGGTCATAGGAGAGATCAGATTATAGAGAAAGATG  
CTGCCCTTGTGTCTTAATTGATGAGATGAATGAAAGACCATGAAAGATGTTCTTTTTTC  
TTTTTTCTTTTGTATAATAGCATCATATATTAGTTTCTTTTGGACAGTCTTAAG  
AGAAGTTTCACTAAAAATGTAACAGCTTAACTTTGACTCCAAATTTTCAATTATGAG  
ATGTCATAGGCAGTAATTTGCGTGTATAACAAGCATAGACAAATGAGTGTCCCTGCCTA  
AGAAGAATCACTTTAAAAAGCAAAGTGTAGCTGCTGTTGATGGGACATTCCTATGTTT  
TAGAGTTGCAGTAAAACCTTTGATGATAACCTCAATAATAGCAAAGTGGGGTATGGGCTGG  
GTACGGTGGCTCACACTTATAATCTTAGTGCTTTGGGAGGTTGATGTGAGAGGATCACTT  
GAGCTCAGGAATTTGAGACCAATGGGGCAACATAGTGAGACCTTCTCTCTTACAATT  
TAATTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_004270



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_004270.3</a></u> , <u><a href="#">NP_004261.1</a></u>
<b>RefSeq Size:</b>	1066 bp
<b>RefSeq ORF:</b>	702 bp
<b>Locus ID:</b>	9443
<b>UniProt ID:</b>	<u><a href="#">O43513</a></u>
<b>Cytogenetics:</b>	5q33.3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein.</p>