

Product datasheet for **SC303538**

CRSP7 (MED26) (NM_004831) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRSP7 (MED26) (NM_004831) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRSP7
Synonyms:	CRSP7; CRSP70
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene ORF sequence for NM_004831 edited
 ATGACAGCGGCTCCGGCTCTCCGACGAGATCAGGGACCGGCTGCTGCAGGCCATCGAC
 CCCCAGAGCAACATCCGGAACATGGTGGCGGTGCTGGAAGTCATCTCCAGCCTGGAGAAA
 TACCCTATTACCAAAGAGGCACTTGAGGAAACACGACTTGGAAGCTCATCAACGACGTC
 CGCAAGAAAACCAAGAACGAGGAGCTCGCCAAGCGGGCCAAGAAGCTGCTGCGGAGCTGG
 CAGAAGCTCATCGAGCCGGCACACACGATGAGCGCGCTGCGGGGGCTGGCGGGGGCC
 ACCGGCTCTGCCAACGGGGGCGCACACAAGTCCCGCGGAGGTGGGGGCGCTGGCCCA
 CCCAGGAGCATCCATGACCTGAAGAGCCCAATGACCTCCAGAGGCTGCCGGGACGCG
 CTGGACAGGCTGGGCAGCCGCAAGCGCCGGGTGACCAGCGTGACCTCGGCCACCCAGGG
 CCGCCACCAAGGTCTCCAAAGCTAGCCACGACCCCTGGTCCCCAACTCATCCCCCTC
 CCCACCAACGGGATCAGTGGGAGTCCAGAGAGCTTCGCCAGCTCCCTGGATGGCAGTGGG
 CATGCAGGCCAGAGGGCAGCGCTGGAGCGTGACGAGAATGACAAGCACAGTGGCAAG
 ATCCCCGTCAACGCCGTGCGACCGCACACGAGCTCCCGGGCCTGGCAAGCCCCCTGGA
 CCCTGCTTGACGCAAAGGCTTCGGTGTGACGAGCTGGACAGGGTGGACGAGACTCCG
 GGGCTCCCATCCCAAGGAGCCCTCGCTGCTTTTCACTCCTCGAACTCACGGCAT
 GAGGGCTCCTTTGCCCGGACGAGAGCTTGTATGCACCAAGGGTCCGTGCCAGCCCC
 TCACCGCGGGCCAGGCACTCGATGCCACACAGGTGCCGTACCGCTTCCACTGGCACAG
 CCGTCCACACCCCCGTACGGCGGCTCGAGCTGCTGCCAGTGCGGAAAGCCAGTGTGC
 TGGCTTGAGCAGCTGAGAGCCACAGCGGCTGGCGGGGCGGGCTGCAAGGCAGGGCTG
 TCCCCAGCCGAGCCCTCCTGTCCCGGGCAGGCTTTTCCCAAGCTCCTCAAGGCGGAC
 AGTGATGCTGCCTCCTCAGGGGGCTCGGACAGTAAAAAGAAGAAGAGTACCGACCTCGA
 GACTATACGGTTAACTTGGACGGGCAAGTGGCTGAGCGGGCGTCAAGCCTGTCCGGTTA
 AAAGAGCGGAAGCTCACCTTTGACCCATGACGAGACAGATCAACCTCTGACCCAGAAA
 GAGCCAGTGGCGGACAGACGCGCTGTGCACATGGAGCAGCAGTCCAGGACAGAGCTGGAC
 AAGCAGGAGGCCAAGGCCAGCCTCCAGAGCCCTTCGAACAGACGAACTGGAAGGAGCTG
 TCACGCAACGAGATCATCCAGTCTACCTGAGCCGGCAGAGCAGCCTGCTCTCATCATCG
 GGCGCGCAGACCCAGGGGCTACCACTTCATGTCTGAGTACCTGAAGCAGGAGGAGAGC
 ACCCGGCAAGGGGCCAGGAGCTGCATGTGCTGGTGCCTCAAAGCCGCCACGGACCTC
 CCTGGTCTGACCCGGGAGGTACACAGGACGATCTCGACAGAATCCAGGCCAGCAGTGG
 CCGGGGTGAACGGGTGTGAGGACACAGGGTAACTGGTATGACTGGACGAGTGCATA
 TCGCTCGATCCGACGGCGACGAGGGCGCTTGAACATTCTGCCTTATGTCTGCTGGAC
 TGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004831 unedited
 CGTCGACATATTTGTAACGACTCACTATAGGGCGGCCGGAATCGCCCTTGAGGCCGGC
 GAGTGAGTGACCCCGTCCCCCGCTCAGCCCGCCCGCCGCTGGCCCGGCCGAACCCC
 CCGCCTCGCCAGGCAATGACAGCGGCTCCGGCTCTCCGACGAGATCAGGGACCGCT
 GCTGCAGGCCATCGACCCCAAGCAACATCCGGAACATGGTGGCGGTGCTGGAAGTCAT
 CTCCAGCCTGGAGAAATACCCTATTACCAAAGAGGCACTTGAGGAAACACGACTTGGGAA
 GCTCATCAACGACGTCCGCAAGAAAACCAAGAAGAGGAGCTCGCCAAGCGGGCCAAGAA
 GCTGCTGCGGAGCTGGCAGAAGCTCATCGAGCCGGCACACGAGCATGAGGCGGCGTGGC
 GGGGCTGGCGGGGGCCACCGCTCTGCCAACGGGGGCGCACACAAGTCCCGGCCGAGGT
 GGGGGCGGCTGGCCACCCAGGAGCATTATGACCTGAAGAGCCGCAATGACCTCCAGAG
 GCTGCCCGGGCAGCGGCTGGACAGGCTGGGAGCCGGAAGCGCCGGGTGACCAGCGTGA
 CCTCGGCCACCCAGGGCTGTCCCAAAGTCTCAAAGCTAGCCCGACCCCTGGTCCC
 CAAATTATCCCCCTCCCAACGGAATCAGTGGGAGTCAAAAAAGCTTCGCGCGCTT
 CCCGGGATGGCCCGGGCCATGCAAGCCCCAAAGGGGAGCCCGCTGGAAGCGTGCCCA
 AGAATGAACAAGCCAGGGGCAAGATCCCGTCAACCACCGTGGCAACCC

3' Read Nucleotide Sequence:	>Reverse primer walk for NM_004831 unedited CCGCCCCACCGCTTCTGCAGAAGGGNAAGCACTTTGTGGCTGACAGGCCGGTCAGTCCAA GCAGACATAAGGCAGAATGTTCAAGCGCCCGTCGTCGCCGTGCGGATCGAGCGATATGCA CTGCGTCCAGTCATACCAGTTACCCTGTGTGCTGACACCCGTTACCCCCGGCCACTG GCTGGCCTGGATTCTGTGAGATCGTCTGTGTGACCTCCCGGTGACACCAGGGAGGTC CGTGGCGGGCTTTGAGGCACCAGCACATGCAGTGCCTGGCCCTTGCCGGGTGCTCTC CTCCTGCTTCAGGTACTCAGACATGAAGTGGTGAGCCCCCTGGGGTCTGCGCGCCGATGA TGAGAGCAGGCTGCTCTGCCGGCTCAGGTAGGACTGGATGATCTCGTTGCGTGACAGCTC CTTCCAGTTCGTCTGTTCAAGGGGCTCTGGAGGCTGGCCTTGGCCTCCTGCTTGTCCAG CTCTGTCTGGACTGCTGCTCCATGTGCACAGGGCTGTCTGCCCGCACTGGCTCTTTCTG GGTCAGAGGTTTGATCTGTCTCGTCATGGGGTCAAAGGTGAGCTTCCGCTCTTTAACCGG ACAGGCTTGACGCGCCGCTCAGCCACCTGCCCGTGCAAGTTAACCGTATAGTCTCGAGGT CGGTACCTCTTCTTTTATACTGGCCGAGCCCCCTGAGGAAGCAGCATCACTGTCCGCCT TGGAGGAGTCTGGGGAAAACCTGCCCGGACAGGAGGGGCTCGGCTGGGGACAGCCCT GCCTTGCAACCCGACCCGCCACCCCTGGTGGCTCTCAAGCTGCTCAAACCAACAAAT
Restriction Sites:	Please inquire
ACCN:	NM_004831
Insert Size:	3000 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).
OTI Annotation:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	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>NM_004831.3, NP_004822.2</u>
RefSeq Size:	3184 bp
RefSeq ORF:	1803 bp
Locus ID:	9441
UniProt ID:	<u>O95402</u>
Cytogenetics:	19p13.11
Protein Families:	Druggable Genome

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. [provided by RefSeq, Jul 2008]