

Product datasheet for SC125960

CRSP8 (MED27) (NM_004269) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CRSP8 (MED27) (NM_004269) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CRSP8 |
| Synonyms: | CRAP34; CRSP8; CRSP34; MED3; NEDSCAC; TRAP37 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |

Fully Sequenced ORF: >OriGene sequence for NM_004269 edited
 GCGGCGCAACATGGCGGACGTGATAAATGTCAGTGTGAACCTGGAGGCCTTTCCAGG
 CCATTAGTGCCATCCAGGCGCTGCGCTCCAGCGTGAGCAGGGTGTTCGACTGCCTGAAGG
 ATGGGATGCGGAACAAGGAGACGCTGGAGGGCCGGGAGAAGGCCTTTATTGCGCACTTCC
 AGGACAACCTTACATTCGGTCAACCGGGACCTCAATGAGCTGGAACGTCTGAGCAATCTGG
 TAGGCAAGCCATCTGAGAACCATCCTCTTCATAACAGTGGGCTGTTAAGCCTGGATCCTG
 TGCAGGACAAAACCTCTCTATAGTCAACTCCTCAAGCATATAAGTGGTCAAACAAGT
 TGCAGTACCATGCAGGACTAGCATCTGGCCTTTTAAATCAGCAGTCATTGAAGCCTTCCG
 CTAATCAGATGGGAGTATCTGCCAAACGTAGACCAAAGGCTCAGCCCAACTCTGTGCC
 TACCACCTCAATATGTTGATGATGTGATCAGCCGATTGACAGGATGTTTCTGAAATGT
 CCATCCACTTATCCAGACCCAATGGAACATCAGCAATGCTTCTGGTGACCTTGGGAAAGG
 TGTTGAAAGTGATCGTGCATGCGGAGCCTGTTCAATTGATCGAACAATAGTAAAGGGAT
 ATAACGAGAATGTCTACACAGAAGATGGCAAGCTTGATATATGGTCCAAATCCAACATATC
 AAGTATTCAGAAAGGTGACAGACCATGCCACCACTGCCCTGCTCCACTATCAGCTGCCCC
 AGATGCCGGATGTCGTGGTCCGATCCTTCATGACCTGGTTAAGAAGTTACATAAAGCTGT
 TCCAGGCCCCGTGCCAGCGCTGCGGGAAGTTTCTGAGGACGGCCTTCCCCGACATGGA
 GGGATTTCCGAACCCTCGAAGCCTTCCATGACACCTGCCGGCAGTAGCCCCACGCTGGC
 CCCAGCCTCAGACCCACCCAGCACCTTCCAGACACGCAGGAAGCCACAGAAGGCTCA
 GCTGGTTCTCACTGCCAGATGTGTACAGCTGCTCCTCCCTTTCATAAAGCAGCGCCAT
 GTGTGCAGAGGCCACTTGAAGAGCAGACTCCCTCTGTGGCTGATGGGACTAATTATTC
 CCACTAGCCAGCGGACTGAAGGCAAGAAGACCTTCTAGAACCTGGTAGAAGGAAGCTG
 TGCAGCATGCTCCTCGTCCATGTGTGTCGGCAGTGTGGTGTCTGCTGCTCCGCGAGCT
 GTTACTGGAATGAGCCCTTGTGTTTCATGGGTATCGTCATGCGGGTCTTGTGTTTTGTG
 GGGCTTGGGTTTTGGTAACTTATTTTTATAAGCAATAAACCTTTTGTATCCTGAAAAAAA
 AAAAAAAA



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| 5' Read Nucleotide Sequence: | >OriGene 5' read for NM_004269 unedited AACTCTGGAATTTGTAATACGACTCTACTATAGGCGGCCGCGTATTCAAATCTGGTACCG GTCCGGAAATTCCTGGGATATCGTCGACCCACGCGTCCGCGGACGCGTGGGCGGACGCGTG GGCGGCGGCAACATGGCGGACGTGATAAATGTCAGTGTGAACCTGGAGGCCTTTTCCCAG GCCATTAGTGCCATCCAGGCGTCCGCTCCAGCGTGAGCAGGGTGTTCGACTGCCTGAAG GATGGGATGCGGAACAAGGAGACGCTGGAGGGCCGGGAGAAGGCCTTTATTGCGCACTTC CAGGACAACCTTACATTCGGTCAACCGGGACCTCAATGAGCTGGAACGCTGAGCAATCTG GTAGGCAAGCCATCTGAGAACCATCCTCTTCATAACAGTGGGCTGTTAAGCCTGGATCCT GTGCAGGACAAAACCTCTCTATAGTCAACTCCTTCAAGCATATAAGTGGTCAAACAAG TTGCAAGTACCATGCAGGACTAGCATCTGGCCTTTTAAATCAGCAGTCATTGAAGCGTTCC GCTAATCAGATGGGAGTATCTGCCAAACGTAGACCAAAGGCTCAGCCCACAACCTTTGTC CTACCACCTCAATATGTTGATGATGTGATCAGCCGATTGACAGGATGTTTCTGAAATG TCCATCCACTTATCCAGACCCAATGGAACATCAGCAATGCTTCTGGTGACCTTGGGAAAG GTGTTGAAAGTATCGTCGTCATGCCGAGCCTGTTTATTGATCGAACAATAGTAAAGGGA TATAACGAGAATGTCTACACAGAAGATGGGGCAGCTGATATATGGTCCANATCCAACAT CAAGTATTCAGAAAGTGACAGACCATGCCACACTGCCCTGCTNCACTATCAGCTGCC CAAATGCCGATGTCGTGGTCCGATCCTTCATGACCCTGGTAAA |
| Restriction Sites: | Please inquire |
| ACCN: | NM_004269 |
| Insert Size: | 1400 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). |
| 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: | <ol style="list-style-type: none"> 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_004269.2 , NP_004260.2 |
| RefSeq Size: | 1404 bp |
| RefSeq ORF: | 936 bp |
| Locus ID: | 9442 |
| UniProt ID: | Q6P2C8 |
| Cytogenetics: | 9q34.13 |

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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2011]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).