

Product datasheet for **MC203111**

Med8 (NM_020000) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Med8 (NM_020000) Mouse Untagged Clone
Tag: Tag Free
Symbol: Med8
Synonyms: 2210021A15Rik; AB041805; ARC32
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC021870

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CGCCGGCCGCGGCAATGCAGAGGGAGGAGAAGCAGCTTGAGGCATCATTAGATGCCTGCTGAATCAAG
TGGCCGATCTGAAGAATCACTGGGAGTTTCATTACAAGTTGAAAAACGAGTATGACCGGCTGACCTG
GCCTCTGTCTGGACAGCTTTGCATTGCTTTCTGGACAGTTGAACACTCTGAACAAGGTCTTAAAGCAT
GAGAAGACGCCACTGTTCCGAAACCAGGTCATCATCCCTCTGGTGTGTCCCGAGACCGAGACGAAGACC
TCATGCGTCAAAGTGAAGGACGAGTGCCTGTTTTAGCCATGAGGTCGTCCTGACCACTTGAGAACC
GCCTGACCCTGAAGTTGAAGAGCAGGAGAAGCAACTGACAACAGATGCTGCCAGAATTGGTGTGATGCA
GCTCAGAAGCAGATCCAGAGCTTGAATAAAATGTGCTCAAACCTTTAGAGAAAATCAGCAAAGAAGAAC
GAGAATCAGAGAGCGGAGGTCTCCGGCCAAACAAGCAGACTTTCAACCCTGGAGACCAATGCCTTAGT
AGCAGCCGTTGCCTTTGGGAAGGGGCTATCTAATTGGCGACCTTCAGGTAGCAGTGGTCTGGGCAACCC
GGTCAGCCAGGAGCTGGTACAATCCTTGCAGGGGCTCAGGATTACCGCAGGTTCCAGATGCCAGGTGCTC
CAAACCAGCAGCAGCAATGCTCAGTGGAGTCCAGATGGCTCAGGCAGGTTCAACCAGGAAAATGCCAAG
TGGAAATAAAACCAACATCAAGTCAGCTTCAATGCATCCGTACCAGCGGTGAGTGTGGACGGCAGCTCC
ACTCTCAGGTGATCTGTGCTGAGTTGAGCAATGACATGATTTTTTGTCAAGGCTTATTTAGATGGGGAC
AATAAAAAGAACACAGGCTTTCCGCAAGAGACAGATCTCAGCTCCACTGTGAATAGCCATTGCAACTGG
GAAAGTGACCTAATTTCTGAGCCTGTGTTCTCATTTGTAGATGGTATAATACCTACCTCATAGGTT
GTTGTGAGGATTAATGAGAAAATGAATGTAAAACACTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: NM_020000
Insert Size: 807 bp



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| 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: | <u>BC021870</u> , <u>AAH21870</u> |
| RefSeq Size: | 1141 bp |
| RefSeq ORF: | 807 bp |
| Locus ID: | 80509 |
| UniProt ID: | <u>Q9D7W5</u> |
| Cytogenetics: | 4 |
| Gene Summary: | <p>Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p> |