

## Product datasheet for **MC220124**

### Med17 (NM\_144933) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Med17 (NM_144933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med17
Synonyms:	77kDa; C330002H14Rik; Crsp6; Trap80
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220124 representing NM\_144933  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGGGCGTGCAGGCCGTGCGCATCAGCATCGAGTCGGCTGCGAGAAGCAGGTGCAGGAGTGGGCC  
 TTGATGGCACCGAGACGTACCTGCAGCCGCTGTCCATGTCGCAGAACCTGGCGCGCTGGCACAGCGCAT  
 CGACTTACGCCAGGGCTCTGGCTCTGAGGAGGAGGCGGCCAGGGCTGACGGCGATGCCCGGACTGG  
 GGGGGCGCGGAGCCGACCAGGACGACGAGGAGGGTTGGTAAAAATCCAACCTCTTTGTGGCCTTGGG  
 ACTCTGTGAGGAACAATTTGCGAAGTGCCTTACAGAGATGTGTGTTCTCTATGATGTCCTCAGTATTGT  
 CAGGGACAAAAAGTTCATGACTCTGGACCCGCTCTCAGGATGCTTCTCCTCCAAACAGAGTCCACAA  
 ACGCTGCAGCTGATCTCCAAGAAGAAGTCCCTCGCTGGAGCAGCTCAGATCCTACTGAAGGGGCGAGAA  
 GACTGACCAAGTCAGTGGCTGAGAACCAGGAAAACAAGCTCCAGCGAGACTTCAATTCTGAGCTCCTGAG  
 ACTCCGGCAGCACTGGAAGCTGAGAAGGTGGGCGACAAGATCCTGGGTGACCTGAGCTACAGAAGTGCA  
 GGTCTCTCTTTCTCATCATGGTACCTTTGAAGTGATAAAGAATACAGACATTGACTTGGATAAGAAGA  
 TACCAGAAGATTACTGTCTCTGGATGTCCAAATTCCTAGTGATTTAGAGGGGTCTGCGTATATCAAGGT  
 TTCTATTACAGAAACAGGCTCCAGACATTGGTGATCTTGGCACAGTTAACCTTTTTAAGAGACCTTTGCC  
 AAATCCAAGCCAGGTTCCCCACACTGGCAGACAAAATTAGAAGCAGCACAAAATGTTCTTTGTAAAG  
 AAATTTTTGCACAGCTCTCCCGGAAGCCGTTCCAGATTAAGTCTCAGATCCCTCACATTGTGGTGA  
 CCAGATCATCTCTCAGCCCTTCCAAGCTTGCAAGTTGCCATTTCTGTGCCACTCCTCAGATGATAAG  
 AAGTCGCAGAAGTGTGCCGAGAGAAGCCTGGGCAAGAGGATCACCTCTACGCTCGGAGCACAACTGC  
 ACCTGCTGATCAGAGAGTTTCATAAACAGACCTTGAGTTCATTGTGATGCCACCCAGCAAGTGCTCC  
 CTTTGGCCACAAGAGGATGAGACTCTCAGTCTCAAGCTTTTGATAAAAATGAAATTAATTCAATACAG  
 TCCACAGAAGGACTCCTAGAAAAATAATTAACAGGCAAGCATATTTTTCTAAGGAGCAGAAGTCTG  
 CAACCATGACAGCTTGGCAAGTCGATTGAGGACCCCGAGATCCAGGCCACTGGTCAAACATCAATGA  
 TGTGTATGAGTCTAGTGTAAAAGTTTTGATCACATCTCAGGGTTATGAACAGATCTGCAAGTCCATCCAG  
 CTGCAGTTGAACATTGGTGTGGAGCAGGTCCTGTTGTGCACAGAGATGGTCGGGTAATCATGTTGTCTC  
 ATCAGGAGCAGGAGCTACAGGACTTCTTCTGTCTCAGATGTCACAGCACCAGGTGCACGCGGTTACGA  
 GCTTGCCAAGGTTATGGGCTGGCAGTCCCTCAGCTTCAAGTACCATGTGGGACTTGGGCCATAGAGAGC  
 ATTTGGCAATGCTTCGGCCATCACCGTGGCTCGCCAAGTGGAGACTATGCGATTTCAAGTTCGTAACGGAC  
 CTGAGAGTGGCAGCAAGATTATGGTTCAGTTTCCCGTAACCAAGTGCAGAAAGACCTCCGAAGAGTATGT  
 TTTACAAGACAGCAAGTGGAGTCTCTCCGAGGACCATTCAAGGAGGTTCAAGTGAACAAGATGGAAGGC  
 CGAAACTCGTTTATAAAATGGAGCTGCTTATGTCTGCCCTGAGCCCCTGTCTGCTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_144933
- Insert Size:** 1950 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:**

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\\_144933.1](#), [NP\\_659182.1](#)

**RefSeq Size:** 3914 bp

**RefSeq ORF:** 1950 bp

**Locus ID:** 234959

**UniProt ID:** [Q8VCD5](#)

**Cytogenetics:** 9 A2

**Gene Summary:** 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 (By similarity). [UniProtKB/Swiss-Prot Function]