

## Product datasheet for **MC224683**

### Med1 (NM\_013634) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Med1 (NM\_013634) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Med1  
**Synonyms:** AI480703; CRSP210; DRIP205; I11Jus15; PBP; Pparbp; TRAP220  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224683 representing NM\_013634  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCTCCCTCCTGGAACGGCTCCATGCAAAATTTAACCAGAACAGACCTTGGAGTGAAACCATTAAGC  
 TTGTGCGTCAAGTAATGGAGAAGAGGGTCGTAATGAGTCTGGAGGCATCAGCATTGGTCAGCTGTTT  
 GGAGACATTGCAGAAGGCTCTCAAAGTAACATCTTTGCCAGCAATGACTGATCGTTTGAATCTATAGCC  
 AGACAGAAATGGACTGGGCTCTCACCTCAGTGCCAGTGGCACTGAGTGTTACATCAGTCAGATATGTTCT  
 ATGTGGAAGTGCAGTTAGATCCTGCAGGACAGCTTTGTGATGTCAAAGTGGCTCACCATGGGGAGATCC  
 TGTGAGCTGTCCAGAGCTGTACAGCAGTTAAGGGAAAAGAATTTTGGAGAAATTTCCAAGCATCTTAAG  
 GGTCTTGTAAATCTGTATAATCTCCAGGGGACAACAACTGAAGACTAAAATGTATCTGGCTCTCCAAT  
 CCTTAGAACAGGACCTTTCTAAAATGGCTATTATGTACTGGAAGGCAACCAACGCCGCTCCCTTGGATAA  
 GATTCTTCATGGAAGTGTGGTTATCTCACCCCGCGGAGTGGGGTCATTTAATGAATATGAAATACTAT  
 GCCTCTCCATCTGACCTGCTGGATGATAAGACTGCCTCTCCTATCATTGTCATGAAAAGAATGTTCCCTC  
 GGTCTTTGGGAATGAATGCCTCAGTGACAATTGAAGAACCTCTGCTATGTACAACTCCCAATTGCCCC  
 ATTAATTATGGGGTACACCCAGCTGACAACAAATGGACCCCTTTCTTCCGCGAGTCACTAGTGCCAAC  
 AGTGTGATCTTCTGCGTGTCTTCTTCAAATTTCCAGCAATTCAGTATCTAAAGCATTGTTTC  
 AGAAACTGCAAAATGACAGGAATCCCCTTGTGAGACTCCGCCACTTACCTGCCCTGTATGAACT  
 CATCACTCAGTTTGTGCTCAAAGGATCTGACCCTTACCTTGAATCACAACATGCGATTTTACGCT  
 GCTCTCCAGGTCAGCAGCACTGCTATTTCTCAATAAAGATGCTCCTCTTCTGATGGTCAGAGCCTGC  
 AGGGAACACTGGTCAGCAAAATCACCTCCAGCACCTGGCCGAGTTCCTTATCTTGAATATGATCAG  
 ACACCAAGTGGCCTATAACTCTAATTGGAAGCTGTGCAAAAGAACTATTTAAAAGAAGATTCTCCT  
 GGGCTCCTCCAGTTTGAAGTGTGCTCTCTCAGAATCTCGTTCAGTGTATCTTTTCAGCACCCGTGTA  
 ATGACTCCCTTGTGTGTGGTGTGATGGATGTGCAAGACTCAACATGTGAGCTGTAACCTTACAGGG  
 GCTGTGAGATGCACTAATCTGTACAGACGACTTATTGCCAAAGTTGTTCAAAGATGTATGTCCATTCT  
 GTGACGATGAGGGCTATTCGGAGGAAGGCTGAAACCATACAGGCTGACACCCAGCACTGTCTCTCATTG



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CAGAGACAGTTGAAGACATGGTAAAAAGAACCTGCCCCCGGCTAGCAGCCCAGGGTATGGCATGACCAC  
 AGGCAACAACCAATGAGTGGTACCCTACACCAACCAACACCTTTCCGGGGGGTCCCATTACCACCTTG  
 TTTAATATGAGCATGAGCATCAAAGATCGGCATGAGTCGGTGGCCATGGGGAGGACTTCAGCAAGGTGT  
 CTCAGAACCAATTTTACCAGTTTGTGCAAATCACAGGGAACGGGGGTCTACCATTGGCTCGAGTCC  
 GACCCCTCCTCATCACACGCCGCCACCTGTCTCTCGATGGCCGGCAACCAAGAACCACCCGATGCTC  
 ATGAACCTTCTTAAAGATAAACCCTGCCAGGATTTCTCAACCTTTATGGAAGCAGCCCTTTAGAAAGGC  
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 GTCAAGAGTCCCACCTGACAAACCCAAGCACCAGACTGAAGACGATTTCCAGAGGGAGCTTTTTCCATG  
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 CCCCAGCTCCAAGCCAGTGTAGCACTCCCCAGCAACGTACCCACAGCCAGTGTCTACCCCCAGCCAG  
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 AATCATTTTTTCCCTGATGGAGTAGATTTCAATCCTGATTTGTTGAACAGCCAAAGCCAAAGTGGTTTTG  
 GAGAGGAGTATTTGATGAAAGTAGTCAGAGTGGGGATAATGATGATTTCAAAGGATTTGCATCTCAGGC  
 ATTAATACATTGGGGATGCCAATGCTTGAGGTGACAATGGGGAGCCAAATTTAAGGGCAGCAGCCAG  
 GCTGACACGGTGGACTTCAGTATTATATCAGTAGCCGGTAAGGCTTTGGGTGCTGCAGATCTGATGGAGC  
 ACCACAGTGGGAGTCAGAGTCTTTACTGACCACTGGAGAATTAGGGAAAGAAAAAACTCAAAGAGGGT  
 GAAGGAAGGCAACGGCACAGGTGCTAGCAGTGGATCAGGTCCAGGGTCCAGACAGCAAGCCAGGCAAGCGC  
 AGCCGCACTCCCTCCAATGATGGGAAGAGCAAGGATAAGCCTCCAAGCGGAAGAAGGCAGACACTGAGG  
 GGAAGTCCCATCTCACAGTTCTTCTAATAGACCTTTACCCACCTACCAGCAGGGTGGGTCCAATC  
 CCCAGTCAGTTCAGGACGATCTCAGACGCCCCAGGTGTTGCCACCCCGCCCATTTCCCAAGATTACCATT  
 CAGATTTCTAAAGGACAGTGTGGTGGGCAAGCCCTCCTCTCACAGTCAGTACACTAGCAGTGGTTCTG  
 TGTCTTCTCTGGCAGCAAAAGCCACCATAGTCATTCTTCTCCTCCTCTTCTTCTAGCTTCTGCTTCCAC  
 CTCAGGCAAGGTGAAAAGCAGTAAATCTGAAGGCTCATCAAGTTCCAAGCTCAGTGGCAGTATGTATGCT  
 AGCCAAGGGTCTTCTGGATCCAGCCAGTCCAAAAATTCATCTCAGACTGGGGGGAAGCCAGGCTCCTCTC  
 CCATTACCAAACATGGACTGAGCAGTGGGTCCAGCAGTACCAAGATGAAACCTCAAGGCAAGCCATCCTC  
 CCTTATGAACCTTCTATAAGTAAGCCAAACATATCCCCTTCCATTCAAGGCCTCCCGGAGGCTCAGAT  
 AAGCTTGCTCTCAATGAAGCCTGTCTCTGGAACCCCCCATCTCTAAAGCCAAGTCCCCTATCAGTT  
 CAGGTTCCAGTGGTTCTCATGTGTCAGGAACTAGTTCAAGCTCTGGTATGAAGTCATCTTCAGGGTCAAGC  
 ATCCTCAGGCTCAGTGTCTCAAAAAACCCCTCCAGCATCTAATCTTGTACACCATCTTCTCTTCTGTTT  
 TCCTCAAGTGGTTCTTCCATGTATCCTCTCAGAATCAACATGGCAGTTCCAAAGGGAAATCTCCAGTA  
 GGAATAAGAAGCCTTCTTGACAGCTGTATAGATAAATGAAGCATGGGGTGGTTACCAGTGGGCCTGG  
 GGGTGAGGATCCAATAGACAGTCAGATGGGCGCAAGCACAATTTCTTCAACCATCCCATGTCTCCAAA  
 CATAACACGTGAGGAGGGGAGTTCCAGAGCAAACGTGAGAAAAGTGATAAAGACAATCCAAGGTCTCTG  
 CTTCTGGGGGTGAGTGGATTCTCTAAGAAGACTTCAGAGTCAAAAAATGTGGGGAGCAGGGGGTGGC  
 AAAATCATTATCAGCAAGCAGCAGGAGGCTCCCGAGCATCAAAGCCAAAGTACGCTACAGAAAACCT  
 GGAGAAAAGTGGTGGAGATGGGCTCAGGCCACAGATAGCCTCATCAAAGAACTATGGCTCTCCACTTATCA  
 GTGGTTCCACTCCAAGCACGAACGGGGTTCTCCAGCCACAGTAAAGTCGCCAGCATATACACCACAGAA  
 TGTGGACAGTGAAGTGAAGTCAAGCTCCTCCATAGCAGAGAGATCCTACCAGAACAGTCCAGCTCAGAG  
 GATGGTATCCGACCATTCCAGAGTACAGCACTGAGAAGCATAAGAAGCACAAGGAAAAGAAAGAAAG  
 TCAGAGACAAAGACAGAGACAAGAAGAAGTCTCACAGCATGAAGCCAGAGAACTGGTCAAAATCCCCCAT  
 TTCTTCCAGATCCGACGGCGTCTGTGACAAATAACCCTATCTTATCTGCAGACAGGCTTCTAGGCTCAGC  
 CCTGACTTCATGATTGGGGAGGAAGATGATGATCTCATGGATGTGGCCCTGATTGGCAATTAG

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_013634

<b>Insert Size:</b>	4683 bp
<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>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>	<a href="#">NM_013634.2</a> , <a href="#">NP_038662.2</a>
<b>RefSeq Size:</b>	6383 bp
<b>RefSeq ORF:</b>	4683 bp
<b>Locus ID:</b>	19014
<b>UniProt ID:</b>	<a href="#">Q925J9</a>
<b>Cytogenetics:</b>	11 61.75 cM
<b>Gene Summary:</b>	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. Essential for embryogenesis, including development of the central nervous system, heart, liver and placenta and for erythropoiesis. Also required for normal transcriptional control of thyroid-stimulating hormone beta (TSHB) in the pituitary. Acts as a coactivator for GATA1-mediated transcriptional activation during erythroid differentiation of K562 erythroleukemia cells (By similarity).[UniProtKB/Swiss-Prot Function]