

Product datasheet for **MC224696**

Med1 (NM_001080118) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med1 (NM_001080118) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med1
Synonyms:	Al480703; CRSP210; DRIP205; I11Jus15; PBP; Pparbp; TRAP220
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224696 representing NM_001080118 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGCTCAGGGGAAACCGAGGACTCAGAGAGGCTGAGTAAGATGAGCTCCCTCTGGAACGGCTCC
ATGCAAAATTTAACCAGAACAGACCTTGGAGTGAACCATTAAGCTTGTGCGTCAAGTAATGGAGAAGAG
GGTCGTAATGAGTCTGGAGGGCATCAGCATTTGGTCAGCTGTTGGAGACATTGCAGAAGGCTCTCAAA
GTAACATCTTTGCCAGCAATGACTGATCGTTTGAATCTATAGCCAGACAGAATGGACTGGGCTCTCACC
TCAGTGCCAGTGGCACTGAGTGTACATCACGTGAGATATGTTCTATGTGGAAGTGCAGTTAGATCCTGC
AGGACAGCTTTGTGATGTCAAAGTGGCTCACCATGGGGAGAATCCTGTGAGCTGTCCAGAGCTTGTACAG
CAGTTAAGGGAAAAGAATTTTGAGGAATTTTCCAAGCATCTTAAGGGTCTTGTTAATCTGTATAATCTCC
CAGGGGACAACAACTGAAGACTAAAATGTATCTGGCTCTCCAATCCTTAGAACAGGACCTTTCTAAAT
GGCTATTATGACTGGAAGGCAACCAACGCCGCTCCCTGGATAAGATTCTCATGGAAGTGTGGTTAT
CTCACCCCGGGAGTGGGGTCATTTAATGAATATGAAATACTATGCCTCTCCATCTGACCTGGATG
ATAAGACTGCCTCCTATCATTGTCATGAAAAGAATGTTCTCGGTCTTTGGGAATGAATGCCTCAGT
GACAATTGAAGGAACCTCTGCTATGTACAACTCCAATTGCCCATTAATTATGGGGTCACACCCAGCT
GACAACAATGGACCCCTTCTTTCTCCGAGTCACTAGTGCCAACAGTGTGATCTTCTGCGTGTCTTCT
TCTTGAAATTTCCCAGCCAATTCAGTATCTAAAGCATTTGTTCCAGAACTGCAAAATTCACAGGAAT
CCCCTTGTGAGACTCCGCCACTTACCTGCCCTGTATGAACTCATCACTCAGTTGAGCTGTCAAAG
GATCCTGACCCTTACCTTTGAATCACAACATGCGATTTTACGCTGCTTCCAGGTGAGCAGCACTGCT
ATTTTCTCAATAAAGATGCTCCTCTTCTGATGGTCAGAGCTGCAGGGAACACTGGTCAGCAAAATCAC
CTTCCAGCACCTGGCCGAGTTCCTTATCTTGAATATGATCAGACACCAAGTGGCCTATAACACTCTA
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CTCTCTCAGAATCTCGTTCAGTGTATCTTTTACGACCCCTGTGAATGACTCCCTTGTGTGTGGTGTGAT
GGATGTGCAAGACTCAACACATGTGAGCTGAAACTCTACAAGGGGCTGTGAGTGCACCTAATCTGTACA
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AGGCTGAAACCATACAGGCTGACACCCAGCACTGTCTCTCATTGCAGAGACAGTTGAAGACATGGTGAA
 AAAGAACCTGCCCGGCTAGCAGCCCAGGGTATGGCATGACCACAGGCAACAACCCAATGAGTGGTACC
 ACTACACCAACCAACACCTTTCCGGGGGTCCCATTACCACCTGTTTAATATGAGCATGAGCATCAAAG
 ATCGGCATGAGTCGGTGGGCCATGGGGAGGACTTCAGCAAGGTGTCTCAGAACCCAATTCTTACCAGTTT
 GTTGCAAATCACAGGGAACGGGGGTCTACCATTGGCTCGAGTCCGACCCCTCCTCATCACACGCCGCCA
 CCTGTCTCTTCGATGGCCGGCAACCAAGAACCACCCGATGCTCATGAACCTTCTTAAAGATAACCCCTG
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 GATGGAAATGTGCTCGGGGAGCAACAAGGCCAAGAAGAAGTGTCAAGAGTCCCACCTGACAAACCC
 AAGCACCAGACTGAAGACGATTTCCAGAGGGAGCTCTTTTCCATGGATGTGACTCACAGAACCCTATGT
 TTGACGTGAGCATGACCCTGACGCGCTGGATACACCTCATATCACCCAGCTCCAAGCCAGTGTAGCAC
 TCCCCAGCAACGTACCCACAGCCAGTGTCTACCCCCAGCCAGTATTAGAGGATGGTCCGACTGTCC
 AGTTCAGACAGCATTGGCCAGATGTAAGTATTTCTTTAGATATTGCCGAAGAAGCTTCAAAGCTTC
 CCAGCAGAGTGTGACTGCCACCAATTGGCACCCTGTTCGAGATTCTCAAGTTCTGGGCATTCTCA
 GAGTGCCTCTTTGATTCTGATGTCTTTCAAATAATAAATGAAAATCCATACACTGATCCAGCTGAC
 CTTATTGCAGATGCTGCTGGAAGCCCAATAGTGATTCTCTACCAATCATTTTTCCCTGATGGAGTAG
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 TCAGAGTGGGGATAATGATGATTTCAAAGGATTTGCATCTCAGGCATTAATACATTGGGGATGCCAATG
 CTTGGAGGTGACAATGGGGAGCCAAAATTTAAGGGCAGCAGCCAGGCTGACACGGTGGACTTCAGTATTA
 TATCAGTAGCCGTAAGGCTTTGGGTGCTGCAGATCTGATGGAGCACCACAGTGGGAGTCAGAGTCTTT
 ACTGACCACTGGAGAATTAGGGAAAGAAAAAATCAAAGAGGGTGAAGGAAGGCAACGGCACAGGTGCT
 AGCAGTGGATCAGGTCCAGGGTCAGACAGCAAGCCAGGCAAGCGCAGCCGCACTCCCTCCAATGATGGGA
 AGAGCAAGGATAAGCCTCAAAGCGGAAGAAGGCAGACACTGAGGGGAAGTCCCATCTCACAGTCTTC
 TAATAGACCTTTACCCACCTACCAGCACGGGTGGGTCCAAATCCCAGGCAGTTCAGGACGATCTCAG
 ACGCCCCCAGGTGTTGCCACCCCGCCATTCCCAAGATTACCATTACAGATTCTAAAGGGACAGTATGG
 TGGCAAGCCCTCCTCTCACAGTCACTAGCAGTGGTTCTGTGCTTCTCTGGCAGCAAAAGCCA
 CCATAGTCATTCTCCTCCTCTTCTTAGCTTCTGCTTCCACCTCAGGCAAGGTGAAAAGCAGTAAA
 TCTGAAGGCTCATCAAGTCCAAGCTCAGTGGCAGTATGTATGCTAGCCAAGGGTCTTCTGGATCCAGCC
 AGTCCAAAAATTCATCTCAGACTGGGGGAAGCCAGGCTCCTCTCCATTACCAAACATGGACTGAGCAG
 TGGGTCCAGCAGTACCAAGATGAAACCTCAAGGCAAGCCATCCTCCCTTATGAACCTTCTATAAGTAA
 CCAAACATATCCCCTCCATTCAAGGCCTCCCGAGGCTCAGATAAGCTTGCCTCTCCAATGAAGCCTG
 TTCTTGAACCCCCCATCCTCTAAAGCCAAGTCCCCTATCAGTTCAGGTTCCAGTGGTTCTCATGTGTC
 AGGAACTAGTTCAAGCTCTGGTATGAAGTCATCTTCAGGGTCAGCATCCTCAGGCTCAGTGTCTCAAAA
 ACCCTCCAGCATCTAATTCTTGTACACCATCTTCTCTTCGTTTTCTCAAGTGGTTCTTCCATGTGAT
 CCTCTCAGAATCAACATGGCAGTTCAAAGGGAATCTCCCAGTAGGAATAAGAAGCCTTCTTGACAGC
 TGTATAGATAAATTGAAGCATGGGGTGGTTACCAGTGGGCTGGGGGTGAGGATCCAATAGACAGTCA
 ATGGGGCGAAGCACAATTTCTTAACCATCCCATGTCTCCAACATAACACGTGAGGAGGGGAGTTCC
 AGAGCAACGTGAGAAAAGTGATAAAGACAAATCCAAGTCTCTGCTTCTGGGGGTGAGTGGATTCCTC
 TAAGAAGACTTCAGAGTCAAAAAATGTGGGGAGCACGGGGTGGCAAAATCATTATCAGCAAGCACGAC
 GGAGGCTCCCCGAGCATCAAAGCCAAGTGACGCTACAGAAACCTGGAGAAAAGTGGTGGAGATGGGCTCA
 GGCCACAGATAGCCTCATCAAAGAACTATGGCTCTCCACTTATCAGTGGTTCCACTCCAAGCACGAACG
 GGGTTCTCCAGCCACAGTAAGTCGCCAGCATATACACCACAGAATGTGGACAGTAAAAGTGAAGTCAAGC
 TCCTCCATAGCAGAGAGATCCTACCAGAACAGTCCCAGCTCAGAGGATGGTATCCGACCCTTCCAGAGT
 ACAGCACTGAGAAGCATAAGAAGCACAAAAAGAAAAGAAAAGTCAAGAGACAAAGACAGAGACAAGAA
 GAAGTCTCACAGCATGAAGCCAGAGAACTGGTCAAGTCCCCATTTCTTTCAGATCCGACGGCGTCTGTG
 ACAATAACCCTATCTTATCTGCAGACAGGCTTCTAGGCTCAGCCCTGACTTCATGATTGGGGAGGAAG
 ATGATGATCTCATGGATGTGGCCCTGATTGGCAAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001080118

Insert Size:	4728 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:	<u>NM_001080118.1</u> , <u>NP_001073587.1</u>
RefSeq Size:	6518 bp
RefSeq ORF:	4728 bp
Locus ID:	19014
UniProt ID:	<u>Q925J9</u>
Cytogenetics:	11 61.75 cM
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. 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]