

Product datasheet for **MC218953**

Med1 (NM_134027) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med1 (NM_134027) 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



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Fully Sequenced ORF: >MC218953 representing NM_134027
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCTCAGGGGAAACCGAGGACTCAGAGAGGCTGAGTAAGATGAGCTCCCTCCTGGAACGGCTCC
 ATGCAAAATTTAACCAGAACAGACCTTGGAGTGAAACCATTAAGCTTGTGCGTCAAGTAATGGAGAAGAG
 GGTCTGTAATGAGTTCTGGAGGGCATCAGCATTTGGTCAGCTGTTTGGAGACATTGCAGAAGGCTCTCAAA
 GTAACATCTTTGCCAGCAATGACTGATCGTTTGGAACTATAGCCAGACAGAATGGACTGGGCTCTCACC
 TCAGTGCCAGTGGCACTGAGTGTACATCACGTGAGATATGTTCTATGTGGAAGTGCAGTTAGATCCTGC
 AGGACAGCTTTGTGATGTCAAAGTGCTCACCATGGGGAGAATCCTGTGAGCTGTCCAGAGCTTGTACAG
 CAGTTAAGGGAAAAGAATTTTGGAGAAATTTCCAAGCATCTTAAGGGTCTGTAACTGTATAATCTCC
 CAGGGGACAACAACTGAAGACTAAAATGTATCTGGCTCTCCAATCCTTAGAACAGGACCTTTCTAAAAT
 GGCTATTATGACTGGAAGGCAACCAACGCCGCTCCCTTGGATAAGATTCTTCATGGAAGTGTGGTTAT
 CTCACCCCGGGAGTGGGGGTCAATTAATGAATATGAAATACTATGCCTCTCCATCTGACCTGCTGGATG
 ATAAGACTGCCTCTCCTATCATTTTGCATGAAAAGAATGTTCTCGGTCTTTGGGAATGAATGCCTCAGT
 GACAATGAAGGAACCTCTGCTATGTACAACTCCCAATTGCCCATTAATTATGGGGTACACCCAGCT
 GACAACAAATGGACCCCTTCTTCTCCGCGACTACTAGTGCCAACAGTGTGATCTTCTGCGTGTCTTCT
 TCTTGAATTTCCCGAGCAATTCAGTATCTAAAGCATTTGTTCCAGAACTGCAAAATTCACAGGAAT
 CCCGTTGTTTGGAGACTCCGCCACTTACCTGCCCTGTATGAACTCATCACTCAGTTTGGCTGTCAAAG
 GATCCTGACCCCTTACCTTTGAATCACAACATGCGATTTACGCTGCTCTCCAGGTGAGCAGCACTGCT
 ATTTTCTCAATAAAGATGCTCCTCTTCTGATGGTCAGAGCCTGCAGGGAACACTGGTCAGCAAAATCAC
 CTTCCAGCACCTGGCCGAGTTCCTCTTATCTTGAATATGATCAGACACCAAGTGGCCTATAACACTCTA
 ATTGGAAGCTGTGTCAAAGAAGTATTTTAAAAGAAGATTCTCCTGGGCTCCTCCAGTTTGAAGTGTGTC
 CTCTCTCAGAATCTCGTTCAGTGTATCTTTTACGACCCTGTGAATGACTCCCTTGTGTGTGGTGTGAT
 GGATGTGCAAGACTCAACACATGTGAGCTGTAACTCTACAAGGGGCTGTGAGTGCCTAATCTGTACA
 GACGACTTCATTGCCAAAGTTGTTCAAAGATGTATGTCCATTCTGTGACGATGAGGGCTATTCGGAGGA
 AGGCTGAAACCATACAGGCTGACACCCAGCACTGTCTCTCATTGCAGAGACAGTTGAAGACATGGTGAA
 AAAGAACCTGCCCGGCTAGCAGCCAGGATCAAAGAATCCCGAGTTAGGATCTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_134027

Insert Size: 1671 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_134027.2](#), [NP_598788.2](#)

RefSeq Size: 2822 bp

RefSeq ORF: 1671 bp

Locus ID: 19014

UniProt ID: [Q92519](#)

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]