

Product datasheet for **MR216942**

Med15 (NM_033609) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med15 (NM_033609) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Med15
Synonyms:	A230074L19Rik; AW536074; mPcqap; Pcqap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR216942 representing NM_033609
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGTTTTCGGGCAGGAGACCGACTGGCGTAGCGCCGCTTTTCGGCAGAAGCTGGTCAGCCAAATTG
AGGATGCCATGAGGAAAGCTGGTGTGGCCACAGTAAATCTAGCAAGGATATGGAGAGTCATGTGTTCTCT
GAAGGCCAAGACCCGGGATGAGTATCTTTCCCTTGTGGCCGACTCATTATCCATTTCCGAGATATTCAT
AACAGAAGATCCCAAGCTTCTGTGACTGACCCCATGAATGCACTGCAGAGCCTTACTGGTGGACCCACCC
CAGGAGCAGCTGGGATTGGCATGCCTCTCGGGGCCAGGACAGTCCCTGGTGGGATGGTGGCCTTGG
CGCTATGGGACAACCACTGCCCTCTCCGGGAACCAACCCCTGGAACCTCTGGAATGGCCCTCATGGC
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AGCAGCAGCAACAACAACAGCAATTCAGCAACAGCAGGCAGCACTGCAGCAACAGCAGCAACAGCAGCA
GCAGCAACAGCAGCAACAGCAGTTCAGGCACAACAGAATGCCATGCAGCAACAGTTCGAAGCAGTAGTG
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GCAGCAGGCTTTGCAGGCCAGCCACCAATGCAGCAGCCATCAATGCAGCAGCCACAGCCTCCCCCTTCT
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TGCAGGCAGCACAGTCTGCCAGATGGTAGCTCCCGCGTCCAGATGATTGCTGAAGCTTGGCCCAAGG
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TCAGTGTGCTGCTGACTACCTGCCAGAGCCCAATGTGGATCGACCGTCAGTGGAATATGATGCCAA
CCCCTTTCTGCAGTCAGTGCACCGGTGCATGACCTCAAGGCTGCTGCAGTCCCTGACAAGCACTCGGTC
ACAGCGCTGCTCAACACCTGGGCCAGAGCATCCACCAGGCTGCCTCTCAGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216942 representing NM_033609
 Red=Cloning site Green=Tags(s)

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MDVSGQETDWRSAAFRQKLVSQIEDAMRKAGVAHSKSSKDMESHVFLKAKTRDEYLSLVARLIIHFRDIH
NKKSQASVSDPMNALQSLTGGPTPGAAGIGMPPRGPGQSLGGMGGLGAMGQPLPLSGQPPPSTSGMAPHG
MAVVSTATPQTQLQLQQVALQQQQQQQQQQFQQQQAALQQQQQQQQQQQQQQQFQAQQNAMQQQFQAVV
QQQQLQQQQQQQHILIKLHHQSQQQIQQQQLQRMAQLQLQQQQQQQQQALQAQPPMQQPSPMQPPPS
QALPQQLSQLHHPQHHQPPPQAQQSPIAQNQPPQIPPSQSQPLVSAQALPGPMLYAAQQQLKFVRAPM
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QSPVTARTPQNFVSPSPGLNTPVNPSSVMSPAGSSQAEEQQYLDKQKLSKYIEPLRRMINKIDKNEDR
KKDL SKMKSLLDILTDP SKRCPLKTLQKCEIALEKLNDAVPTPPPPVLPKQQLCQPLLDVLANI
RSPVFNHSLYRTFVPAMMAIHGPPIVSPVCSRKRFEEDERQSI PNVLQGEVARLDPKFLVNLDP SHCS
NNGTVHLICKLDDKDLPSVPPLEL SVPADYPAQSPMWIDRQWQYDANPFLQSVHRCMTRLLQLPDKHSV
TALLNTWAQSIHQACLSAA
  
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_033609.3](#)

RefSeq Size: 3383 bp

RefSeq ORF: 2370 bp

Locus ID: 94112

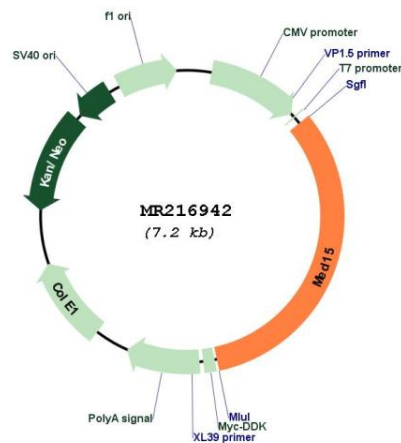
UniProt ID: [Q924H2](#)

Cytogenetics: 16 10.94 cM

MW: 87.1 kDa

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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216942