

Product datasheet for **MR211298**

Med24 (NM_011869) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med24 (NM_011869) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Med24
Synonyms:	100kD; 911GSE; AU040102; AW547152; D11Ertd307; D11Ertd307e; DRIP; DRIP100; Gse; Gse2; Pp; Pparb2; Pparbp2; R7552; R75526; Thr; Thrap4; Trap; Trap100
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR211298 representing NM_011869
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGTGGTGAACCTGAAGCAGGCCATTTTGAAGCCTGGAAGAGCGATGGAGTGACTACCAATGGG
 CAATCAACATGAAAAAATCTTCCCAAAGGAGCCACCTGGGACATTCTCAACCTAGCAGAAGCGCTCCT
 GGAGCAGGCTATGATTGGGCCTTCCCCAATCCTCTGATCCTGTCGTACCTGAAGTACGCCATTAGTTCC
 CAGATGGTGTCTCTCTGTGCTCACCGCCATCAGTAAGTTTGATGACTTTTCCCGGACCTGTGTG
 TCCAGGCTCTGTGGATATCATGGACATGTTCTGTGACCGACTCAGTTGCCACGGCAAAGCAGAGGAATG
 CATCGGTTGTGCCGAGCGCTCCTTAGCGCCCTCCACTGGCTGCTTCGATGTACAGCAGCTTCTGCGGAG
 CGACTCCAGGAAGGGCTGGAGGCTGGCACTCCGGCCCCGGGAGAAGCAGCTTGCCTTGTGCTTGCAGT
 GCCTGGAGAAGACCTCAGCAGCACCAAGAACCAGCCCTGCTACACATCGCCAACTAGAGGAGGCCCTC
 CTCTGGACTGCCATAGAGCATTCTTCTAAAACCTGGGGAGATCCTGGCCAATCTCAGCAACCCCGAG
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 AGCAACTGCACAAGACCGGCTTCCCCACCATCCACGCACTCATCTTGCTTGAGGGCACCATGAACCTGAC
 CGGGGAGATGCAGCCCCTGGTGGAGCAGCTGATGATGGTGAAGCGCATGCAGCATATCCCCACACCTCTC
 TTTGTCCTGGAAATCTGGAAAGCTTGTCTTGTGGGACTCATTGAGTCCCCGAGGGCACGAGGAGCTGA
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 GAAGGATTTACGGAGGATGTCAACTGTCTTTGAGTTCCTGCTGAAGCTACCCCTTGTGGACAAA
 GCTGACCAGCGCTGCAATTGCGACTGCACGAACCTCCTCCTCCAGGAGTGCAACAAGCAGGGGCTTCTGT
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 TTTGAACCCTGACCATCCCTGCTTCCGCCCTGACTCCACCAAAGTCGAGTCTTGGTGGCCCTGCTCAAC
 AACTCTTCAGAGATGAAGCTAGTACAGATGAAGTGGCAGCAGGCCTGCCTCAGCATTTCAGCAGCCATT
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 CACAGTCAACATGAGGGACCTCTGAACCGAGTCTGGCCAACTGTTCTGCTCATTCTCCATCTTG
 GGTTCACGACCCTGGCCCCACACCCAGTTTGTGCAGTGGTTCATGGAGGAGTGTGTGGGCTGCCTGG
 AGCAGGACAGCAGGGCAGCATTCTGCAGTTCATGCCCTTCACTACCGTATCAGAACTGGTGAAGTGTG
 TGCTATGTCCAGTCCCAAGTTGTTCTGGCCATCACAGACCTCAGCTGCCCTGGGCCGCGAGGTGCC
 GCCAAAGCCATTGCTGCACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR211298 representing NM_011869
 Red=Cloning site Green=Tags(s)

MKVVNLKQAILQAWKERWSDYQWAINMKKFFPKGATWDILNLAEALLEQAMIGPSNPILISYLKYAISS
 QMVSCSSVLTAIKFDFFSRDLCVQALLDIMDFCDRLSCHGKAEECIGLCRALLSALHWLLRCTAASAE
 RLQEGLEAGTPAPGEKQLALCLQCLEKLSSTKNRALLHIAKLEEASSWTAIEHSLLKLGELANLSNPQ
 LRSQAERCGLIRSIPTMLSVHSEQLHKTGFPTIHALILLEGTMNLTGEMQPLVEQLMMVKRMQHIPTPL
 FVLEIWKACFVGLIESPEGTQELKWTAFYLYKIPQVLVKLKKYFHGEKDFTEDVNCAFEFLLKLTPLLDK
 ADQRCNCDCNTFLLQECNKQGLLSEVNFASLVGKRTADRPQLKSSENANIQPNGLILRAEPTVTNLIK
 TMDADHSKSPEGLLGVLGHMLSGKSLDLLLAAAAATGKLSFARKFINLNEFTTHGSGESTKTASVRALL
 FDISFLMLCHVAQTYGSEVILSESSSGEEVFFETWMQTCMPEEGKILNPDHPCFRPDSTKVESLVALLN
 NSSEMKLQMKWHEACLSISAAILEILNAWENGLAFESIQKITDNIKGVCSLAVCAVAWLVAHVRMLG
 LDEREKSLQMIRQLAGPLYSENTLQFYNERVIMNSILEHMCADVLQQTATQIKFPSTGVDTPMYWNLPL
 PKRPIKEVLTDFIAKVLKGVWDSRSIHLDTLLHMGVYWFCCNLIKELLKETRKEHTLRVQLLYSIF
 CLDMQQVTVLLGHILPGLLTDSSKWHSLMDPPGTALAKLAVWCALSSYSHKQOASSRQKRRHREDIED
 YVSLFPVEDMQPSKLMRLSSSSDDANILSSPTDRSMNSSLASQLHTVNMRDPLNRVLANLFLLISSIL
 GSRTAGPHTQFVQWFMEECVGCLEQDSRGSILQFMPFTTVSELVKVSAMSSPKVVLAITDLSLPLGRQVA
 AKAI AAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

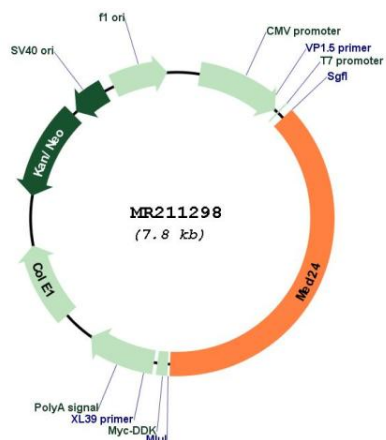


ACCN: NM_011869

ORF Size: 2961 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_011869.3
RefSeq Size:	3427 bp
RefSeq ORF:	2964 bp
Locus ID:	23989
UniProt ID:	Q99K74
Cytogenetics:	11 62.46 cM
MW:	110.4 kDa
Gene Summary:	This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. The product of this gene may form a submodule of the mediator complex that magnifies the effects of activators on the general transcription machinery. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR211298