

## Product datasheet for **MG211298**

### Med24 (NM\_011869) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Med24 (NM_011869) Mouse Tagged ORF Clone
Tag:	TurboGFP
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-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG211298 representing NM\_011869  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGGTGGTGAACCTGAAGCAGGCCATTTTGAAGCCTGGAAGAGCGATGGAGTGACTACCAATGGG  
 CAATCAACATGAAAAAATCTTCCCAAAGGAGCCACCTGGGACATTCTCAACCTAGCAGAAGCGCTCCT  
 GGAGCAGGCTATGATTGGGCCTTCCCAATCCTCTGATCCTGTCGTACCTGAAGTACGCCATTAGTTCC  
 CAGATGGTGTCTCTCTGTGCTCACCGCCATCAGTAAGTTTGATGACTTTTCCCGGACCTGTGTG  
 TCCAGGCTCTGTGGATATCATGGACATGTTCTGTGACCGACTCAGTTGCCACGGCAAAGCAGAGGAATG  
 CATCGGTTGTGCCGAGCGCTCCTTAGCGCCCTCCACTGGCTGCTTCGATGTACAGCAGCTTCTGCGGAG  
 CGACTCCAGGAAGGGCTGGAGGCTGGCACTCCGGCCCCGGGAGAAGCAGCTTGCCTTGTGCTTGCACT  
 GCCTGGAGAAGACCTCAGCAGCACCAAGAACCAGCCCTGCTACACATCGCCAACTAGAGGAGGCCCTC  
 CTCTGGACTGCCATAGAGCATTCTTCTAAAACCTGGGGAGATCCTGGCCAATCTCAGCAACCCCGAG  
 CTCGGGAGCCAAGCTGAGCGTTGCGGCACACTCATCAGGAGCATCCCCAGCATGCTGTCCGTGCACTCCG  
 AGCAACTGCACAAGACCGGCTTCCCAACATCCACGCACTCATCTTGCTTGAGGGCACCATGAACCTGAC  
 CGGGGAGATGCAGCCCCTGGTGGAGCAGCTGATGATGGTGAAGCGCATGCAGCATATCCCCACACCTCTC  
 TTTGTCCTGGAAATCTGGAAAGCTTGTCTTGTGGGACTCATTGAGTCCCCGAGGGCACGAGGAGCTGA  
 AGTGGACAGCTTTCACCTACCTCAAGATTCACAGGTCTTGGTGAAGTTGAAGAAGTACTTTCATGGAGA  
 GAAGGATTTACGGAGGATGTCAACTGTCTTTGAGTTCCTGCTGAAGCTACCCCTTGTGGACAAA  
 GCTGACCAGCGCTGCAATTGCGACTGCACGAACCTCCTCCTCCAGGAGTGCAACAAGCAGGGGCTTCTGT  
 CTGAGGTCACACTTGGCAGCCTTGTGGCAAACGCACGGCAGATCGGGACCCGACGTAAAATCATCAGA  
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 ACAATGGATGCAGATCACTCCAAGTCCCGGAGGGACTGCTAGGGGTCTGGGACATATGCTGTCTGGGA  
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 CAATCTGAATGAGTTCACGACCCACGGCAGTGGAGAGAGCACGAAAACAGCCTCGGTCCGAGCCTTGCTC  
 TTTGACATTTCTTCTCATGCTATGCCATGTGGCCAGACCTATGGCTCAGAGGTGATCCTCTCGGAGT  
 CGAGCTCAGGAGAAGAAGTCCCCTTCTTTGAGACTTGGATGCAGACCTGCATGCCGAGGAGGGCAAGAT  
 TTTGAACCCTGACCATCCCTGCTCCGCCCTGACTCCACCAAAGTCGAGTCTTGGTGGCCCTGCTCAAC  
 AACTCTTCAGAGATGAAGCTAGTACAGATGAAGTGGCAGGAGCCTGCCTCAGCATTTCAGCAGCCATTT  
 TGGAAATCCTCAACGCTTGGGAGAATGGGGTCTGGCATTGAGTCCATCCAGAAAATCACCAGATAATAT  
 CAAGGGAAAGGTATGCAGTCTGGCGGTGTGTGCTGTGGCTTGGCTCGTGGCCACGTCGGATGCTGGGG  
 CTGGATGAGCGTGAGAAGTCACTGCAGATGATCCGCCAGTTGGCAGGGCCACTGTACAGCGAGAACACC  
 TGCAGTTCTACAATGAGAGGGTGGTATTATGAACTCAATCTTGGAAACATGTGTGCGGACGTGCTCCA  
 GCAGACAGCCACGCAGATCAAGTTTCCATCCACAGGCGTGGACACGATGCCCTACTGGAACCTGCTTCT  
 CCCAAGCGCCCATCAAGGAGGTCTGACAGACATCTTTGCCAAGTACTGGAGAAGGGCTGGGTGGACA  
 GCCGCTCCATCCACATCCTTGACACCCTGCTGCATATGGGCGGCTCTACTGGTTCTGCAACAACCTGAT  
 TAAGGAGCTGCTGAAGGAGACTCGAAGGAGCACACGTTAAGGGCGTCCAGCTTCTACTCCATCTTC  
 TGCTGGACATGCAGCAAGTGACCCTGGTCTGCTGGGTACATCCTGCCCGGGCTGCTTACTGACTCTT  
 CCAAGTGGCACAGCCTTATGGACCCTCCTGGCACTGCGCTGGCCAACTGGCTGTGTGGTGTGCCCTGAG  
 CTCTTACTCTTCCACAAGGGACAGGCGTCTCCGCCAGAAGAAGAGACACAGAGAGGACATTGAGGAC  
 TATGTCAGCCTCTTCCCGTGGAGGACATGCAGCCCTCGAAGCTGATGCGACTCCTGAGCTCCAGTGACG  
 ATGATGCCAACATCCTGTCAAGTCCCACTGACCCTCCATGAACAGCTCCCTCTCAGCCTCCAGCTCCA  
 CACAGTCAACATGAGGGACCCTCTGAACCGAGTCTGGCCAACTGTTCTGCTCATTCTCCATCTTG  
 GGTTCACGCACCCTGGCCCCACACCCAGTTTGTGCAAGTGGTTCATGGAGGAGTGTGTGGGCTGCCTGG  
 AGCAGGACAGCAGGGCAGCATTCTGCAGTTCATGCCCTTCACTACCGTATCAGAACTGGTGAAGTGTG  
 TGCTATGTCCAGTCCCAAGGTTGTTCTGGCCATCACAGACCTCAGCCTGCCCTGGGCCGCGAGGTGCC  
 GCCAAAGCCATTGCTGCACT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG211298 representing NM\_011869  
 Red=Cloning site Green=Tags(s)

MKVVNLKQAILQAWKERWSDYQWAINMKKFFPKGATWDILNLAEALLEQAMIGPSNPPLILSYLKYAISS  
 QMVSCSSVLTAI SKFDDFSRDL CVQALLDIMDMFCDRLSCHGKAEEICGLCRALLSALHWLLRCTAASAE  
 RLQEGLEAGTPAPGEKQLALCLQCLEKLSSTKNRALLHIAKLEEASSWTAIEHSLLKLGELANLSNPQ  
 LRSQAERCGLIRSI SMLSVHSEQLHKTFPTIHALILLEGTMNLTGEMQPLVEQLMMVKRMQHIPTPL  
 FVLEIWKACFVGLIESPEGTQELKWTAFYLYKIPQVLVKKKYFHGEKDFTEDVNCAFEFLLKLTPLLDK  
 ADQRCNCDCNTFLLQECNKQGLLSEVNFASLVGKRTADRPQLKSSENANIQPNGLILRAEPTVTNLIK  
 TMDADHSKSPEGLLGVLGHMLSGKSLDLLLAAAAATGKLSFARKFINLNEFTTHGSGESTKTASVRALL  
 FDISFLMLCHVAQTYGSEVILSESSSGEEVPPFETWMQTCMPEEGKILNPDHPCFRPDSTKVESLVALLN  
 NSSEMKL VQMKWHEACLSISAAILEILNAWENGLAFESI QKITDNIKGVCSLAVCAVAWLVAHVRLG  
 LDEREKSLQMI RQLAGPLYSENTLQFYNERVVIMNSILEHMCADVLQQTATQIKFPSTGVDTPMYWNLPL  
 PKRPIKEVLT DIFAKVLEKGVDSRSI HILD TLLHMGVYWF CNLIKELLKETRKEHTLRVQLLYSIF  
 CLDMQQVTLVLLGHILPGLLTDSSKWHSLMDPPGTALAKLAVWCALSSYSHKGQASSRQKRHREDIED  
 YVSLFPVEDMQPSKLMRLSSSSDDANILSSPTDRSMNSSLASQLHTVNM RDPLNRVLANLFLLISSIL  
 GSRTAGPHTQFVQWFMEECVGCLEQDSRGSILQFMPFTTVSELVKVSAMSSPKVVLAITDLSLPLGRQVA  
 AKAI AAL

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

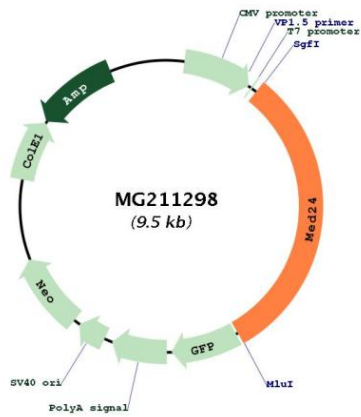


ACCN: NM\_011869

ORF Size: 2961 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_011869.3</a>
<b>RefSeq Size:</b>	3427 bp
<b>RefSeq ORF:</b>	2964 bp
<b>Locus ID:</b>	23989
<b>UniProt ID:</b>	<a href="#">Q99K74</a>
<b>Cytogenetics:</b>	11 62.46 cM
<b>Gene Summary:</b>	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 MG211298