

# Product datasheet for MR211298L3

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OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: Med24 (NM\_011869) Mouse Tagged Lenti 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:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

**ORF Nucleotide** 

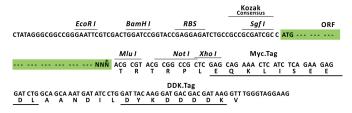
The ORF insert of this clone is exactly the same as(MR211298).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_011869 **ORF Size:** 2961 bp





## Med24 (NM\_011869) Mouse Tagged Lenti ORF Clone - MR211298L3

**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:** 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 011869.2</u>

 RefSeq Size:
 3427 bp

 RefSeq ORF:
 2964 bp

 Locus ID:
 23989

 UniProt ID:
 Q99K74

Cytogenetics: 11 62.46 cM

**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]