

Product datasheet for RR215660L3

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OriGene Technologies, Inc.

Tmem98 (NM_001007672) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Tmem98 (NM_001007672) Rat Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:Tmem98Synonyms:MGC93733

Selection:

Mammalian Cell

Puromycin

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

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

ORF Nucleotide

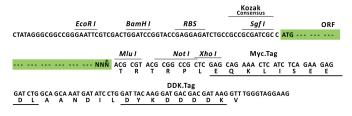
The ORF insert of this clone is exactly the same as(RR215660).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001007672

ORF Size: 678 bp





Tmem98 (NM_001007672) Rat Tagged Lenti ORF Clone - RR215660L3

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 001007672.1</u>, <u>NP 001007673.1</u>

RefSeq Size: 1438 bp
RefSeq ORF: 681 bp
Locus ID: 303356
UniProt ID: Q6AYS5
Cytogenetics: 10q26

Gene Summary: Functions as a negative regulator of MYRF in oligodendrocyte differentiation and myelination.

Interacts with the C-terminal of MYRF inhibiting MYRF self-cleavage and N-fragment nuclear

translocation. The secreted form promotes differentiation of T helper 1 cells (Th1).

[UniProtKB/Swiss-Prot Function]