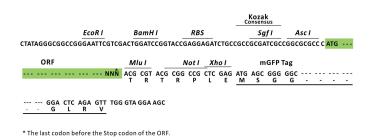


# Product datasheet for RR207139L4

## Tmem41b (NM\_001012358) Rat Tagged Lenti ORF Clone

### **Product data:**

#### **Product Type: Expression Plasmids Product Name:** Tmem41b (NM 001012358) Rat Tagged Lenti ORF Clone Tag: mGFP Symbol: Tmem41b RGD1310870 Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-mGFP-P2A-Puro (PS100093) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(RR207139). **ORF** Nucleotide Sequence: **Restriction Sites:** Ascl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Mlu I Asc I ---- GGC GCG CC C ATG ----//--- NNN ACG CGT ----



ACCN: ORF Size: NM\_001012358 873 bp

#### OriGene Technologies, Inc.

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	41b (NM_001012358) Rat Tagged Lenti ORF Clone – RR207139L4
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. <u>More info</u>
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
RefSeq:	<u>NM 001012358.1, NP 001012358.1</u>
RefSeq Size:	2382 bp
RefSeq ORF:	876 bp
Locus ID:	361626
UniProt ID:	Q5FVN2
Cytogenetics:	1q33
Gene Summary:	Required for normal motor neuron development. Required for autophagosome formation. [UniProtKB/Swiss-Prot Function]

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