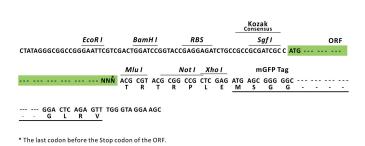


# Product datasheet for MR224289L4

### Myo1b (NM\_001161817) Mouse Tagged Lenti ORF Clone

### **Product data:**

#### **Product Type: Expression Plasmids Product Name:** Myo1b (NM\_001161817) Mouse Tagged Lenti ORF Clone Tag: mGFP Symbol: Myo1b Synonyms: AA406997; MIH-L; MMIa 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(MR224289). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I --- GCG ATC GC C ATG --- //--- NNN ACG CGT ---



ACCN: ORF Size: NM\_001161817 3408 bp

### OriGene Technologies, Inc.

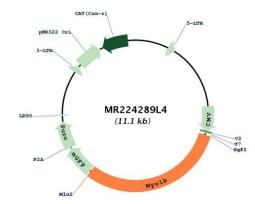
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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<b>GENE</b> Myo1b (NM_001161817) Mouse Tagged Lenti ORF Clone – MR224289L4	
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 001161817.2, NP 001155289.1</u>
RefSeq Size:	5053 bp
RefSeq ORF:	3411 bp
Locus ID:	17912
Cytogenetics:	1 26.58 cM
Gene Summary:	Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR224289L4

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