

Product datasheet for MR210404L4

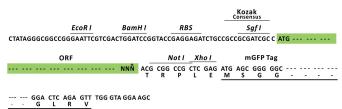
Tmem2 (BC019745) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Tmem2 (BC019745) Mouse Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Tmem2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210404).
Restriction Sites:	Sgfl-Notl
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF Not I GCG ATC GC ATG// NNN AC G CGG CCG C TC



* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: BC019745 2223 bp



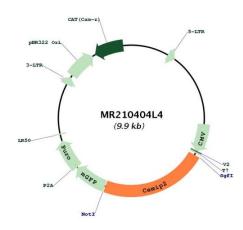
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GRIGENE Tmem2 (BC019745) Mouse Tagged Lenti ORF Clone – MR210404L4	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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>BC019745, AAH19745</u>
RefSeq Size:	2374 bp
RefSeq ORF:	2225 bp
Locus ID:	83921
Cytogenetics:	19 B
Gene Summary:	Cell surface hyaluronidase that mediates the initial cleavage of extracellular high-molecular- weight hyaluronan into intermediate-size hyaluronan of approximately 5 kDa fragments (By similarity). Acts as a regulator of angiogenesis and heart morphogenesis by mediating degradation of extracellular hyaluronan, thereby regulating VEGF signaling (By similarity). Is very specific to hyaluronan; not able to cleave chondroitin sulfate or dermatan sulfate (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR210404L4

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