

Product datasheet for MR224042L4

Sept9 (NM_017380) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Sept9 (NM_017380) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Sept9						
Synonyms:	Msf; MSF1; PNUTL4; Sint1						
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(MR224042).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
-	Cloning sites used for ORF Shuttling:						
	Sgf1 ORF Mlu I GCG ATC GC ATG// NNN ACG CGT						

EcoR I		Bam	нт		RE	25		_	Koza Consei		-			OF	
CTATAGGGCGGCCGGGAATTCGTC	GACI	GGAI	CCGG	IACC	GAG	JAGA	ICIG	LLGL	CGCG	AICG		G			-
	Mlu I		_	Notl_Xhol_				mGFP Ta							
NNŇ	ACG	CGT R	ACG	CGG R	CCG P	стс	GAG E	ATG M	AGC	GGG	GGC				
GGA CTC AGA GTT TGO G L R V	GTA		AGC			-	-								

ACCN: ORF Size: NM_017380 1002 bp

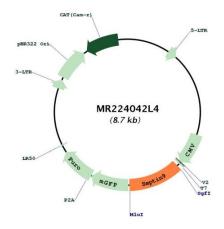


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* The last codon before the Stop codon of the ORF.

ORIGENE Sept9 (NM_017380) Mouse Tagged Lenti ORF Clone – MR224042L4
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>NM 017380.2, NP 059076.1</u>
RefSeq Size:	2946 bp
RefSeq ORF:	1005 bp
Locus ID:	53860
UniProt ID:	<u>Q80UG5</u>
Cytogenetics:	11 82.61 cM
Gene Summary:	Filament-forming cytoskeletal GTPase (By similarity). May play a role in cytokinesis (Potential). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224042L4

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