

Product datasheet for MR209411L4

Elf1 (NM_007920) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Elf1 (NM_007920) Mouse Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Elf1					
Synonyms:	Elf-1; mElf-1; p70; Sts1					
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(MR209411).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF Miu I GCG ATC GC ATG NNN ACG CGT					

						_	Koz Conse	ak ^{nsus}	_			
EcoR I	В	amH I		RBS			S	igf I			OF	RF
CTATAGGGCGGCCGGGAATTCGTC	GACTG	GATCCG	GTACCG	AGGA	GATC	төссө	ccaca	ATCG	C C A	TG	 	• •
	Mlu I		No	Xho	<u>hol</u> mGFP			Tag				
NNŇ	ACG (CGT ACG R T		CG C P		AG ATO	G AGC	GGG G	GGC G		 - : -	
GGA CTC AGA GTT TGG G L R V	GTA G	GA AGC										

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

ACCN: ORF Size: NM_007920 1836 bp

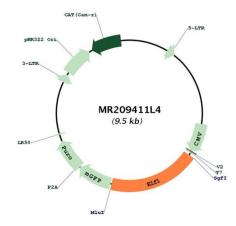


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ORÎGENE Elf1 (N	M_007920) Mouse Tagged Lenti ORF Clone – MR209411L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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 007920.4, NP 031946.1</u>
RefSeq Size:	4232 bp
RefSeq ORF:	1839 bp
Locus ID:	13709
UniProt ID:	<u>Q60775</u>
Cytogenetics:	14 D3
Gene Summary:	Transcription factor that activates the LYN and BLK promoters.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209411L4

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