

Product datasheet for MR227104L4

Best1 (NM_011913) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Best1 (NM_011913) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Best1						
Synonyms:	Bmd; mBest1; Vmd2						
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(MR227104).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf I ORF Mlu I GCG ATC GCC ATG // NNÑ ACG CGT						

	Bam	нı		RE	35			Conse	nsus	-			o	RF
CGACT	GGA	rccgo	STACC	GAG	GAGA	TCTG	CCGC	CGCG	ATCG	C C A	TG -			
м	lu I		Notl_Xho			no I	ImGFP Ta							
ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G				
G GTA	GGA	AGC												
	CGACT	Mlu I ACG CGT T R	Miui Acg cgt acg	CGACTGGATCCGGTACC	CGACTGGATCCGGTACCGAGG Mlu I Not I ACG CGT ACG CGG CCG T R T R P	CGACTGGATCCGGTACCGAGGAGA <u>Miu I</u> <u>Not I Xi</u> AGG CGT ACG CGG CCG CTC T R T R P L	CGACTGGATCCGGTACCGAGGAGATCTG <u>Miu I</u> Not I <u>Xho I</u> AGG CGT ACG CGG CCG CTC GAG T R T R P L E	BamH I RBS CGACTGGATCCGGTACCGAGAGAGATCTGCCGC Mlu I Not I ACG CGT ACG CGG CCG CTC GAG ATG T R T R	BamH1 RBS S CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGG S Mlu1 Not1 Xho1 ACG CGT ACG T R T	CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGCATCG <u>Mlu I Not I Xho I</u> mGFP ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG T R T R P L E <u>M S G</u>	Consensus Consensus BamHI RBS Sgf1 CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCCGCGCGCG	Consensus <u>Sgf1</u> CGACTGGATCCGGTACCGAGGAGGATCGCCGCGCGGCGCGCGC	Consensus Consensus BamHI RBS SgfI CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGCGCGCGC	BamHI RBS Sgf I O CGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGCGCGCGC

ACCN: ORF Size: NM_011913 1653 bp

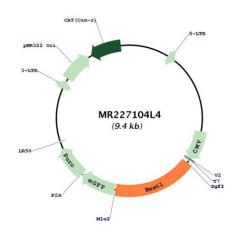


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Gene Best1	NM_011913) Mouse Tagged Lenti ORF Clone – MR227104L4
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <u>custsupport@origene.com</u> or by calling 301.340.3188 option 3 for pricing and delivery.
	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 011913.2, NP 036043.2</u>
RefSeq Size:	2087 bp
RefSeq ORF:	1656 bp
Locus ID:	24115
UniProt ID:	<u>088870</u>
Cytogenetics:	19 A
Gene Summary:	Forms calcium-sensitive chloride channels. Permeable to bicarbonate (By similarity). [UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR227104L4

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