

Product datasheet for MR219033L4

Lrrfip2 (NM_027742) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids				
Product Name:	Lrrfip2 (NM_027742) Mouse Tagged Lenti ORF Clone				
Tag:	mGFP				
Symbol:	Lrrfip2				
Synonyms:	5133400F20Rik; Al850587				
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(MR219033).				
Restriction Sites:	Sgfl-Mlul				
Cloning Scheme:					
	Cloning sites used for ORF Shuttling:				
	Sgf I ORF Mlu I GCG ATC GC ATG // NNN ACG CGT				

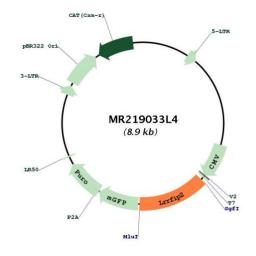
				Kozak Consensus	
EcoR I	BamH	I RI	35	Sgf I	ORF
CTATAGGGCGGCCGGGAATTCGTC	GACTGGATC	CGGTACCGAG	GAGATCTG	CCGCCGCGATCGC	C ATG
	Mlu I	Not I	Xho I	mGFP T	Jag
NNŇ	ACG CGT A T R	CG CGG CCG T R P	CTC GAG	ATG AGC GGG M S G	GGC G
GGA CTC AGA GTT TGG G L R V	i GTA GGA AG	SC			

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



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Plasmid Map:



ACCN:	NM_027742
ORF Size:	1200 bp
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:	NM 027742.3, NP 082018.1
RefSeq Size:	3215 bp
RefSeq ORF:	1203 bp

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	Lrrfip2 (NM_027742) Mouse Tagged Lenti ORF Clone – MR219033L4
Locus ID:	71268
UniProt ID:	<u>Q91WK0</u>
Cytogenetics:	9 F3
Gene Summary:	May function as activator of the canonical Wnt signaling pathway, in association with DVL3, upstream of CTNNB1/beta-catenin. Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88- binding (By similarity).[UniProtKB/Swiss-Prot Function]

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