

Product datasheet for RR207227L2

Gba2 (NM_001013091) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	Gba2 (NM_001013091) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Gba2					
Mammalian Cell Selection:	None					
Vector:	pLenti-C-mGFP (PS100071)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF inser	t of th	is clone	is exact	tly the sam	ue as(RR207227).
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:						
		Cloning sit	es used for ORF Sh	uttling:		
			Sgf I GCG ATC GC C ATG	ORF // NNŇ	Mlu I ACG CGT	
					Kozak Consensus	
		EcoR I	BamH I	RBS	Sgfl	ORF

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGGATCGC C Mlul Notl _Xhol mGFP Tag NNN ACG CGT ACG CGG CCG CTC GAG ATG AGC GGG GGC T R T R P L E M S G G Pme I - GGA CTC AGA TAA GTT TAA ACGGCCGGCCGCGG

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

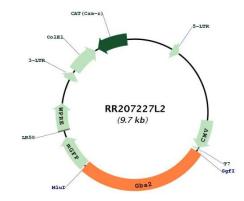
ACCN: ORF Size: NM_001013091 2712 bp



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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 Meth	 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 001013091.2, NP 001013109.2</u>
RefSeq Size:	3022 bp
RefSeq ORF:	2715 bp
Locus ID:	298399
Cytogenetics:	5q22

Product images:



Circular map for RR207227L2

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