

Product datasheet for RG214377

GAGE12G (NM_001098409) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

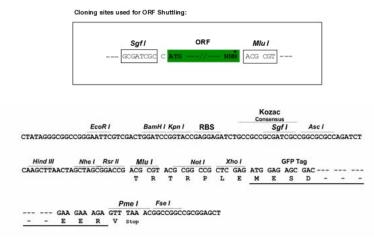
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	GAGE12G (NM_001098409) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GAGE12G
Synonyms:	AL4; CT4.7; GAGE-12G
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	<pre>>RG214377 representing NM_001098409 Red=Cloning site Blue=ORF Green=Tags(s)</pre>
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGAGTTGGCGAGGAAGATCGACCTATTATTGGCCTAGACCAAGGCGCTATGTACAGCCTCCTGAAATGA TTGGGCCTATGCGGCCCGAGCAGTTCAGTGATGAAGTGGAACCAGCAACACCTGAAGAAGGGGAACCAGC AACTCAACGTCAGGATCCTGCAGCTGCTCAGGAGGGAGGAGAGAGGAGCATCTGCAGGTCAAGGGCCG AAGCCTGAAGCTCATAGCCAGGAACAGGGTCACCCACAGACTGGGTGTGAAGATGGTCCTGATG GGCAGGAGATGGACCCGCCAAATCCAGAGGGGGGGAAAACGCCTGAAGAAGGTGAAAAGCAATCACAGTG T
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA
Protein Sequence:	>RG214377 representing NM_001098409 <mark>Red</mark> =Cloning site Green=Tags(s)
	MSWRGRSTYYWPRPRRYVQPPEMIGPMRPEQFSDEVEPATPEEGEPATQRQDPAAAQEGEDEGASAGQGP KPEAHSQEQGHPQTGCECEDGPDGQEMDPPNPEEVKTPEEGEKQSQC
	TRTRPLE - GFP Tag - V
Restriction Sites:	Sgfl-Mlul

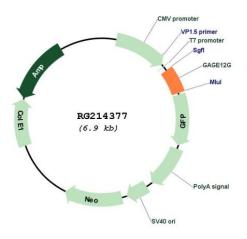


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Cloning Scheme:



Plasmid Map:



ACCN: ORF Size: OTI Disclaimer:

NM_001098409

351 bp

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>

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GAGE12G (NM_001098409) Human Tagged ORF Clone – RG214377	
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 001098409.2</u>
RefSeq Size:	564 bp
RefSeq ORF:	354 bp
Locus ID:	645073
UniProt ID:	<u>076087</u>
Cytogenetics:	Xp11.23

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