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 datasheet for MR205832L4V

Actg1 (NM_009609) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Actg1 (NM_009609) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Actg1
Synonyms:	Ac; Actg; Actl; AL023024; E51
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009609
ORF Size:	1128 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR205832).`
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_009609.2, NP_033739.1
RefSeq Size:	1931 bp
RefSeq ORF:	1128 bp
Locus ID:	11465
UniProt ID:	P63260
Cytogenetics:	11 E2

View online »

Gene Summary: Actins are highly conserved proteins that are involved in various types of cell motility and maintenance of the cytoskeleton. In vertebrates, three main groups of actin isoforms, alpha, beta, and gamma, have been identified. The alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton, and as mediators of internal cell motility. Actin, gamma 1, encoded by this gene, is a cytoplasmic actin found in non-muscle cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]