

Product datasheet for **RR209123L4V**

Capg (NM_001013086) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Capg (NM_001013086) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Capg
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001013086
ORF Size:	1047 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR209123).
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_001013086.1 , NP_001013104.1
RefSeq Size:	1500 bp
RefSeq ORF:	1050 bp
Locus ID:	297339
UniProt ID:	Q6AYC4
Cytogenetics:	4q31



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Gene Summary:

Calcium-sensitive protein which reversibly blocks the barbed ends of actin filaments but does not sever preformed actin filaments. May play an important role in macrophage function. May play a role in regulating cytoplasmic and/or nuclear structures through potential interactions with actin. May bind DNA. Uncapping occurs either when Ca^{2+} falls or when the concentration of polyphosphoinositide rises, both at low and high Ca^{2+} (By similarity).
[UniProtKB/Swiss-Prot Function]