

## Product datasheet for **RR200591L3V**

### Gnaq (NM\_031036) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Gnaq (NM_031036) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Gnaq
Synonyms:	Galphaq
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031036
ORF Size:	1077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200591).
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. <a href="#">More info</a>
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:	<a href="#">NM_031036.1</a> , <a href="#">NP_112298.1</a>
RefSeq Size:	1080 bp
RefSeq ORF:	1080 bp
Locus ID:	81666
UniProt ID:	<a href="#">P82471</a>
Cytogenetics:	1q43
Gene Summary:	may mediate cardiomyocyte growth and hypertrophy; overexpression may facilitate apoptosis by inhibiting the PI3K/phosphoinositide-dependent kinase-1/Akt cell survival signaling pathway [RGD, Feb 2006]



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