

Product datasheet for **MR219435L4V**

Pik3c2g (NM_207683) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pik3c2g (NM_207683) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pik3c2g
Synonyms:	C80387; PI3K-C2-gamma
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_207683
ORF Size:	4518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219435).
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_207683.2 , NP_997566.1
RefSeq Size:	6358 bp
RefSeq ORF:	4521 bp
Locus ID:	18705
UniProt ID:	O70167
Cytogenetics:	6 69.7 cM
Gene Summary:	Generates phosphatidylinositol 3-phosphate (PtdIns3P) and phosphatidylinositol 3,4-bisphosphate (PtdIns(3,4)P2) that act as second messengers. May play a role in SDF1A-stimulated chemotaxis.[UniProtKB/Swiss-Prot Function]



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