

Product datasheet for **RC202243L3V**

G protein alpha 16 (GNA15) (NM_002068) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	G protein alpha 16 (GNA15) (NM_002068) Human Tagged ORF Clone Lentiviral Particle
Symbol:	G protein alpha 16
Synonyms:	GNA16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002068
ORF Size:	1122 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202243).
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_002068.1
RefSeq Size:	2311 bp
RefSeq ORF:	1125 bp
Locus ID:	2769
UniProt ID:	P30679
Cytogenetics:	19p13.3
Domains:	G-alpha
Protein Families:	Druggable Genome



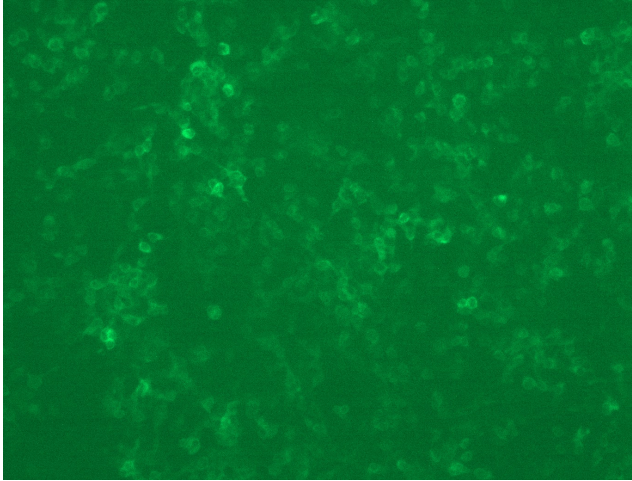
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Protein Pathways: Calcium signaling pathway

MW: 43.5 kDa

Gene Summary: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems.[UniProtKB/Swiss-Prot Function]

Product images:



[RC202243L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC202243L3V particle to overexpress human GNA15-Myc-DDK fusion protein.