

Product datasheet for **RC216236L4V**

PDE6 gamma (PDE6G) (NM_002602) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PDE6 gamma (PDE6G) (NM_002602) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PDE6 gamma
Synonyms:	PDEG; RP57
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002602
ORF Size:	261 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216236).
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_002602.1
RefSeq Size:	1064 bp
RefSeq ORF:	264 bp
Locus ID:	5148
UniProt ID:	P18545
Cytogenetics:	17q25.3
Protein Families:	Druggable Genome
Protein Pathways:	Progesterone-mediated oocyte maturation, Purine metabolism



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MW: 9.6 kDa

Gene Summary: This gene encodes the gamma subunit of cyclic GMP-phosphodiesterase, which is composed of alpha- and beta- catalytic subunits and two identical, inhibitory gamma subunits. This gene is expressed in rod photoreceptors and functions in the phototransduction signaling cascade. It is also expressed in a variety of other tissues, and has been shown to regulate the c-Src protein kinase and G-protein-coupled receptor kinase 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2009]