

Product datasheet for **RC210215L3V**

PDE6H (NM_006205) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PDE6H (NM_006205) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PDE6H
Synonyms:	ACHM6; RCD3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006205
ORF Size:	249 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210215).
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_006205.1
RefSeq Size:	763 bp
RefSeq ORF:	252 bp
Locus ID:	5149
UniProt ID:	Q13956
Cytogenetics:	12p12.3
Protein Pathways:	Progesterone-mediated oocyte maturation, Purine metabolism
MW:	9.1 kDa



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Gene Summary:

This gene encodes the inhibitory (or gamma) subunit of the cone-specific cGMP phosphodiesterase, which is a tetramer composed of two catalytic chains (alpha and beta), and two inhibitory chains (gamma). It is specifically expressed in the retina, and is involved in the transmission and amplification of the visual signal. Mutations in this gene are associated with retinal cone dystrophy type 3A (RCD3A). [provided by RefSeq, Mar 2010]