

## Product datasheet for **RC211824L4V**

### GRK7 (NM\_139209) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GRK7 (NM_139209) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GRK7
Synonyms:	GPRK7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139209
ORF Size:	1659 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211824).
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_139209.2</a> , <a href="#">NP_631948.1</a>
RefSeq Size:	1746 bp
RefSeq ORF:	1662 bp
Locus ID:	131890
UniProt ID:	<a href="#">Q8WTQ7</a>
Cytogenetics:	3q23
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Chemokine signaling pathway, Endocytosis



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**MW:** 62 kDa

**Gene Summary:** This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. It is specifically expressed in the retina and the encoded protein has been shown to phosphorylate cone opsins and initiate their deactivation. [provided by RefSeq, Jul 2008]