

## Product datasheet for **RC223722L3V**

### GEM (NM\_005261) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	GEM (NM_005261) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GEM
Synonyms:	KIR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005261
ORF Size:	888 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223722).
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_005261.2</a>
RefSeq Size:	2205 bp
RefSeq ORF:	891 bp
Locus ID:	2669
UniProt ID:	<a href="#">P55040</a>
Cytogenetics:	8q22.1
Domains:	ras, RAS, RHO, RAB
Protein Families:	Druggable Genome



[View online »](#)

**MW:** 33.8 kDa

**Gene Summary:** The protein encoded by this gene belongs to the RAD/GEM family of GTP-binding proteins. It is associated with the inner face of the plasma membrane and could play a role as a regulatory protein in receptor-mediated signal transduction. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]