

## Product datasheet for **MR216294L3V**

### **Pigk (NM\_178016) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pigk (NM_178016) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pigk
Synonyms:	3000001O05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178016
ORF Size:	1326 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216294).
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_178016.3</a> , <a href="#">NP_821135.1</a>
RefSeq Size:	4885 bp
RefSeq ORF:	1329 bp
Locus ID:	329777
UniProt ID:	<a href="#">Q9CXY9</a>
Cytogenetics:	3 H3



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**Gene Summary:**

Mediates GPI anchoring in the endoplasmic reticulum, by replacing a protein's C-terminal GPI attachment signal peptide with a pre-assembled GPI. During this transamidation reaction, the GPI transamidase forms a carbonyl intermediate with the substrate protein (By similarity).  
[UniProtKB/Swiss-Prot Function]