

## Product datasheet for **RC209631L4V**

### PIGS (NM\_033198) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PIGS (NM_033198) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIGS
Synonyms:	GPIBD18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033198
ORF Size:	1665 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209631).
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_033198.2</a>
RefSeq Size:	2873 bp
RefSeq ORF:	1668 bp
Locus ID:	94005
UniProt ID:	<a href="#">Q96S52</a>
Cytogenetics:	17q11.2
Protein Families:	Transmembrane
Protein Pathways:	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways



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**MW:** 61.7 kDa

**Gene Summary:** This gene encodes a protein that is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. [provided by RefSeq, Jul 2008]