

Product datasheet for **RC212006L4V**

PIGR (NM_002644) Human Tagged ORF Clone Lentiviral Particle

Product data:

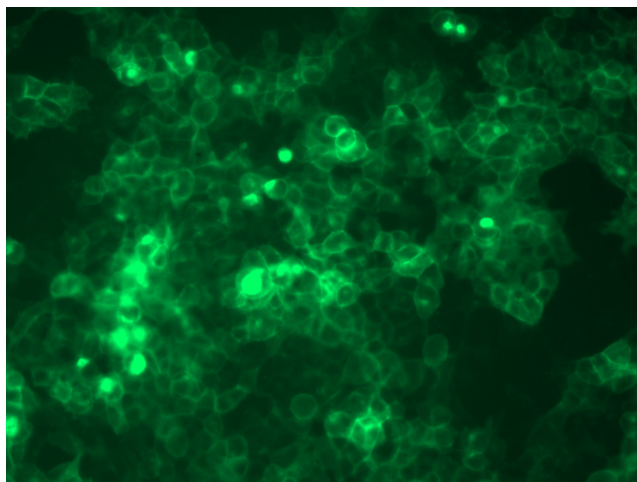
Product Type:	Lentiviral Particles
Product Name:	PIGR (NM_002644) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIGR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002644
ORF Size:	2292 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212006).
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_002644.2
RefSeq Size:	4266 bp
RefSeq ORF:	2295 bp
Locus ID:	5284
UniProt ID:	P01833
Cytogenetics:	1q32.1
Domains:	ig, IGv, IG
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	83.28 kDa



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Gene Summary:

This gene is a member of the immunoglobulin superfamily. The encoded poly-Ig receptor binds polymeric immunoglobulin molecules at the basolateral surface of epithelial cells; the complex is then transported across the cell to be secreted at the apical surface. A significant association was found between immunoglobulin A nephropathy and several SNPs in this gene.[provided by RefSeq, Sep 2009]

Product images:

[RC212006L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC212006L4V particle to overexpress human PIGR-mGFP fusion protein.