

Product datasheet for RC226289L3

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com

OriGene Technologies, Inc.

Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

PIGG (NM_001127178) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PIGG (NM_001127178) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: PIGG

Synonyms: GPI7; LAS21; MRT53; PRO4405; RLGS1930

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC226289).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_001127178

ORF Size: 2949 bp





PIGG (NM_001127178) Human Tagged Lenti ORF Clone - RC226289L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001127178.1</u>

 RefSeq Size:
 3266 bp

 RefSeq ORF:
 2952 bp

 Locus ID:
 54872

 UniProt ID:
 Q5H8A4

 Cytogenetics:
 4p16.3

Protein Families: Transmembrane

Protein Pathways: Glycosylphosphatidylinositol(GPI)-anchor biosynthesis

MW: 108.6 kDa

Gene Summary: This gene encodes an enzyme involved in glycosylphosphatidylinositol-anchor biosynthesis.

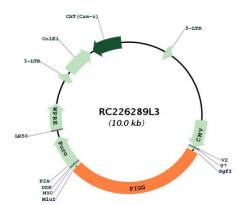
The encoded protein, which is localized to the endoplasmic reticulum, is involved in

transferring ethanoloamine phosphate to mannose 2 of glycosylphosphatidylinositol species H7 to form species H8. Allelic variants of this gene have been associated with intellectual disability, hypotonia, and early-onset seizures. Alternative splicing results in multiple

transcript variants. [provided by RefSeq, Sep 2016]



Product images:



Circular map for RC226289L3