

Product datasheet for **RC230225L4V**

PIGT (NM_001184728) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | PIGT (NM_001184728) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | PIGT |
| Synonyms: | CGI-06; MCAHS3; NDAP; PNH2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001184728 |
| ORF Size: | 1566 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230225). |
| 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_001184728.1 |
| RefSeq ORF: | 1569 bp |
| Locus ID: | 51604 |
| UniProt ID: | Q969N2 |
| Cytogenetics: | 20q13.12 |
| Protein Families: | Transmembrane |
| Protein Pathways: | Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, Metabolic pathways |
| MW: | 60 kDa |



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Gene Summary:

This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is 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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]