

Product datasheet for **RC218774L4V**

Phosphoglucomutase 5 (PGM5) (NM_021965) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Phosphoglucomutase 5 (PGM5) (NM_021965) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Phosphoglucomutase 5 |
| Synonyms: | PGMRP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_021965 |
| ORF Size: | 1701 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218774). |
| 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_021965.3 |
| RefSeq Size: | 3341 bp |
| RefSeq ORF: | 1704 bp |
| Locus ID: | 5239 |
| UniProt ID: | Q15124 |
| Cytogenetics: | 9q21.11 |
| Protein Families: | Druggable Genome |
| MW: | 62 kDa |



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Gene Summary:

Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen (Edwards et al., 1995 [PubMed 8586438]).[supplied by OMIM, Mar 2008]