

## Product datasheet for **RC213480L4V**

### PGAM4 (NM\_001029891) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PGAM4 (NM_001029891) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PGAM4
Synonyms:	dj1000K24.1; PGAM-B; PGAM1; PGAM3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001029891
ORF Size:	762 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213480).
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_001029891.2</a>
RefSeq Size:	1678 bp
RefSeq ORF:	765 bp
Locus ID:	441531
UniProt ID:	<a href="#">Q8N0Y7</a>
Cytogenetics:	Xq21.1
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways
MW:	28.6 kDa



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**Gene Summary:**

This intronless gene appears to have arisen from a retrotransposition event, yet it is thought to be an expressed, protein-coding gene. The encoded protein is a member of the phosphoglycerate mutase family, a set of enzymes that catalyze the transfer of a phosphate group from 3-phosphoglycerate to 2-phosphoglycerate. [provided by RefSeq, May 2010]