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Product datasheet for RC204054L1V

PGAM1 (NM_002629) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PGAM1 (NM_002629) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PGAM1
Synonyms:	HEL-S-35; PGAM-B; PGAMA
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002629
ORF Size:	762 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204054).`
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_002629.2
RefSeq Size:	1762 bp
RefSeq ORF:	765 bp
Locus ID:	5223
UniProt ID:	P18669
Cytogenetics:	10q24.1
Domains:	PGAM
Protein Pathways:	Glycolysis / Gluconeogenesis, Metabolic pathways

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MW: 28.8 kDa

Gene Summary: The protein encoded by this gene is a mutase that catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]