

Product datasheet for **MR209490L3V**

Pgm1 (NM_025700) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pgm1 (NM_025700) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pgm1
Synonyms:	3230402E02Rik; Pgm-1; Pgm2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_025700
ORF Size:	1863 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209490).
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_025700.2
RefSeq Size:	2179 bp
RefSeq ORF:	1863 bp
Locus ID:	66681
UniProt ID:	Q7TSV4
Cytogenetics:	5 32.8 cM



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Gene Summary:

Catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses. May also catalyze the interconversion of glucose-1-phosphate and glucose-6-phosphate. Has low glucose 1,6-bisphosphate synthase activity (By similarity).[UniProtKB/Swiss-Prot Function]