

Product datasheet for **MR209502L3V**

Pgm2l1 (NM_027629) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pgm2l1 (NM_027629) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pgm2l1
Synonyms:	4931406N15Rik; AI553438; BM32A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_027629
ORF Size:	1866 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209502).
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_027629.1
RefSeq Size:	8641 bp
RefSeq ORF:	1866 bp
Locus ID:	70974
UniProt ID:	Q8CAA7
Cytogenetics:	7 E2



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Gene Summary:

Glucose 1,6-bisphosphate synthase using 1,3-bisphosphoglycerate as a phosphate donor and a series of 1-phosphate sugars as acceptors, including glucose 1-phosphate, mannose 1-phosphate, ribose 1-phosphate and deoxyribose 1-phosphate. 5 or 6-phosphosugars are bad substrates, with the exception of glucose 6-phosphate. Also synthesizes ribose 1,5-bisphosphate. Has only low phosphopentomutase and phosphoglucomutase activities (By similarity).[UniProtKB/Swiss-Prot Function]