

Product datasheet for **MR218814L4V**

Gpd1l (NM_175380) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gpd1l (NM_175380) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gpd1l
Synonyms:	2210409H23Rik; D9Ertd660e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175380
ORF Size:	1056 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218814).
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_175380.5 , NP_780589.3
RefSeq Size:	4393 bp
RefSeq ORF:	1056 bp
Locus ID:	333433
UniProt ID:	Q3ULJ0
Cytogenetics:	9 65.47 cM



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Gene Summary:

Plays a role in regulating cardiac sodium current; decreased enzymatic activity with resulting increased levels of glycerol 3-phosphate activating the DPD1L-dependent SCN5A phosphorylation pathway, may ultimately lead to decreased sodium current; cardiac sodium current may also be reduced due to alterations of NAD(H) balance induced by DPD1L.
[UniProtKB/Swiss-Prot Function]