

Product datasheet for **MR224057L3V**

Dmgdh (NM_028772) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dmgdh (NM_028772) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dmgdh
Synonyms:	1200014D15Rik; AI787269
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_028772
ORF Size:	2610 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224057).
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_028772.3 , NP_083048.1
RefSeq Size:	2979 bp
RefSeq ORF:	2610 bp
Locus ID:	74129
UniProt ID:	Q9DBT9
Cytogenetics:	13 C3



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Gene Summary:

This gene encodes an enzyme involved in the catabolism of choline, catalyzing the oxidative demethylation of dimethylglycine to form sarcosine. The enzyme is found as a monomer in the mitochondrial matrix, and uses flavin adenine dinucleotide and folate as cofactors.
[provided by RefSeq, Jul 2013]