

Product datasheet for **MR208620L3V**

Gdpd2 (NM_023608) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gdpd2 (NM_023608) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gdpd2
Synonyms:	9130017L10Rik; Gde3; Obdpf
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_023608
ORF Size:	1620 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208620).
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_023608.2
RefSeq Size:	2610 bp
RefSeq ORF:	1620 bp
Locus ID:	71584
UniProt ID:	Q9ESM6
Cytogenetics:	X C3



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Gene Summary:

This gene encodes a member of the glycerophosphodiester phosphodiesterase enzyme family. The encoded protein hydrolyzes glycerophosphoinositol to produce inositol 1-phosphate and glycerol. Overexpression of this gene is associated with activity-dependent actin cytoskeleton disorganization. The encoded protein may negatively regulate growth rate and induce differentiation of osteoblasts. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]