

Product datasheet for **MR226407L4V**

Dnm1 (NM_010065) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dnm1 (NM_010065) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Dnm1
Synonyms:	AI838169; Dnm; Ftf; FtfI; mKIAA4093
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010065
ORF Size:	2592 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226407).
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_010065.2 , NP_034195.2
RefSeq Size:	3843 bp
RefSeq ORF:	2595 bp
Locus ID:	13429
UniProt ID:	P39053
Cytogenetics:	2 22.09 cM



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Gene Summary:

This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein is a GTPase which is required for membrane recycling, including vesicle endocytosis in neurons. It may also be involved in cellular fission via association with microtubules and actin filaments. Mutations in this gene have been shown to cause seizures. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014]