

Product datasheet for **MR225612L4V**

Irgm1 (NM_008326) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Irgm1 (NM_008326) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Irgm1
Synonyms:	lfggd3; lfi1; ligp3; lipg3; Irgm; LRG-47
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008326
ORF Size:	1227 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225612).
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_008326.1
RefSeq Size:	2227 bp
RefSeq ORF:	1230 bp
Locus ID:	15944
UniProt ID:	Q60766
Cytogenetics:	11 B1.2



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Gene Summary:

Putative GTPase which is required for IFNG-mediated clearance of acute protozoan and bacterial infections. Functions in innate immune response probably through regulation of autophagy. May regulate proinflammatory cytokine production and prevent endotoxemia upon infection. Required for macrophage motility and possibly also for adhesion.
[UniProtKB/Swiss-Prot Function]