

Product datasheet for **RC227287L4V**

IRGM (NM_001145805) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IRGM (NM_001145805) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IRGM
Synonyms:	IFI1; IRGM1; LRG-47; LRG47
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145805
ORF Size:	535 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227287).
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_001145805.1 , NP_001139277.1
RefSeq ORF:	546 bp
Locus ID:	345611
UniProt ID:	A1A4Y4
Cytogenetics:	5q33.1
MW:	20 kDa


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Gene Summary:

This gene encodes a member of the p47 immunity-related GTPase family. The encoded protein may play a role in the innate immune response by regulating autophagy formation in response to intracellular pathogens. Polymorphisms that affect the normal expression of this gene are associated with a susceptibility to Crohn's disease and tuberculosis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2016]