Product datasheet for MR201274L2V

Il15 (NM_008357) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Il15 (NM_008357) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Il15
Synonyms:	AI503618; IL-15
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_008357
ORF Size:	489 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201274).
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_008357.1
RefSeq Size:	1297 bp
RefSeq ORF:	489 bp
Locus ID:	16168
UniProt ID:	P48346
Cytogenetics:	8 39.33 cM

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Gene Summary:

This gene encodes a a pleiotropic cytokine of the interleukin family of proteins that plays important roles in the innate and adaptive cell homeostasis, as well as peripheral immune function. The encoded protein undergoes proteolytic processing to generate a mature cytokine that stimulates the proliferation of natural killer cells. The transgenic mice overexpressing the encoded protein exhibit an increase in the number of memory CD8+ T cells in a naive state and enhanced protection against bacterial infections. Mice lacking the encoded protein exhibit impaired protection against a strain of attenuated Mycobacterium. [provided by RefSeq, Aug 2016]