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Product datasheet for RC204638L1V

IL37 (NM_014439) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL37 (NM_014439) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL37
Synonyms:	FIL1; FIL1(ZETA); FIL1Z; IL-1F7; IL-1H; IL-1H4; IL-1RP1; IL-23; IL-37; IL1F7; IL1H4; IL1RP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_014439
ORF Size:	654 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204638).`
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_014439.3, NP_055254.2
RefSeq Size:	787 bp
RefSeq ORF:	657 bp
Locus ID:	27178
UniProt ID:	Q9NZH6
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	24.1 kDa

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Gene Summary: The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]