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Product datasheet for RC212217L3V

IL16 (NM_172217) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IL16 (NM_172217) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IL16
Synonyms:	LCF; NIL16; prIL-16; PRIL16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_172217
ORF Size:	3996 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212217).
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_172217.2
RefSeq Size:	8338 bp
RefSeq ORF:	3999 bp
Locus ID:	3603
UniProt ID:	Q14005
Cytogenetics:	15q25.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	141.6 kDa

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Gene Summary: The protein encoded by this gene is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of this cytokine is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. The cytokine function is exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]