

Product datasheet for **AR09051PU-L**

Interleukin-16 / IL16 (502-631, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Interleukin-16 / IL16 (502-631, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer pH 8.0 containing 1mM PMSF and 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IL16, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store the antibody undiluted at 2-8°C for 2 weeks or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001165599
Locus ID:	3603
Cytogenetics:	15q25.1
Synonyms:	LCF; NIL16; prIL-16; PRIL16
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]



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Protein Families: Druggable Genome, Secreted Protein

Product images:

