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32-18228: Recombinant Human IL-16 Protein

Uniprot ID : AAC12732.1

Alternative Name : Pro-Interleukin-16; Interleukin-16; IL-16; Lymphocyte Chemoattractant Factor; LCF; IL16

Description

Molecular weight: 13.4 KDa
Description: Recombinant Human Interleukin-16 is produced by our E.coli expression system and the target gene encoding Met1-Ser130 is expressed.
Interleukin-16 (IL-16) is a CD8 T cell-derived cytokine that induces chemotaxis of CD4 T cells and CD4 monocytes and eosinophils. Analysis by gel filtration suggests that, under physiological conditions, human IL-16 exists predominantly as a noncovalently linked multimer, but that some IL-16 may exist as a monomer. However, only the multimeric form appears to possess chemotactic activity, suggesting that receptor cross-linking may be required for activity. IL-16 also induces expression of IL-2 receptor (IL-2R) and MHC class II molecules on CD4 T cells. Human and murine IL-16 show significant cross-species reactivity.

Product Info

Amount :	50 µg
Content :	Lyophilized from a 0.2 ?m filtered solution of 20mM PB, 150mM NaCl, pH 7.0.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.