

32-20378: Recombinant Human IL-16 (129 a.a.)(Discontinued)

Reactivity : Human, Mouse

Alternative Name : LCF (Lymphocyte Chemoattractant Factor)

Description

Source: *E.coli* IL-16 is a CD8+ T cell-derived cytokine that induces chemotaxis of CD4+ T cells, CD4+ monocytes, and eosinophils. Analysis by gel filtration suggests that, under physiological conditions, hIL-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. Recombinant Human IL-16 is a 13.3 kDa protein consisting of 129 amino acid residues.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : PDLNSSTD SAASASAASDVS VESTAEATVC TVTLEKMSAG LGFSLEGGKG SLHGDKPLTI NRIFKGAASE
QSETVQPGDE ILQLGGTAMQ GLTRFEAWN I KALPDGPVT IVIRRKSLQS KETTAAGDS

Application Note

Determined by its ability to chemoattract human CD4+ T lymphocytes using a concentration range of 1.0-100.0 ng/ml.