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

Reactivity : Human, Mouse
Alternative Name : LCF (Lymphocyte Chemoattractant Factor)

Description

Source:E.coliIL-16 is a CD8+ T cell-derived cytokine that induces chemotaxis of CD4+ T cells, CD4+ monocytes, and eosinophils.Â 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.Â However, only the multimeric form appears to possess chemotactic activity, suggesting that receptor cross-linking may be required for activity.Â IL-16 also induces expression of IL-2 receptor (IL-2R) and MHC class II molecules on CD4 + T cells.Â Human and murine IL-16 show significant cross-species reactivity.Â 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 : PDLNSSTDSA ASASAASDVS VESTAEATVC TVTLEKMSAG LGFSLEGGKG SLHGDKPLTI NRIFKGAASE QSETVQPGDE ILQLGGTAMQ GLTRFEAWNI IKALPDGPVT 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.

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