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32-20434: Recombinant Human IL-11(Discontinued)

Reactivity : Human, Monkey, Mouse
Alternative Name : AGIF (Adipogenesis inhibitory factor)

Description

Source:E.coliIL-11 is a multifunctional cytokine produced by stromal cells, such as fibroblasts, epithelial cells and osteoclasts.Â It is expressed in a wide variety of tissues, including thymus, lung, bone, connective tissue and central nervous system.Â IL-11 plays an important regulatory role in hematopoiesis by stimulating growth of myeloid, erythroid and megakaryocyte progenitor cells.Â It also regulates bone metabolism, inhibits production of proinflammatory cytokines, and protects against gastromucosal injury.Â Recombinant Human IL-11 is a 19.3 kDa protein consisting of 179 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 : MPGPPPGPPR VSPDPRAELD STVLLTRSLL ADTRQLAAQL RDKFPADGDH NLDSLPTLAM SAGALGALQL PGVLTRLRAD LLSYLRHVQW LRRAGGSSLK TLEPELGTLQ ARLDRLLRRL QLLMSRLALP QPPPDPPAPP LAPPSSAWGG IRAAHAILGG LHLTLDWAVR GLLLLKTRL

Application Note

TheÃ Â ED_{50}Ã Â was determined by the dose-dependent stimulation of the proliferation of murine T11 cells is <=2.0 ng/ml, corresponding to a specific activity of>= 5 x 10^5Ã Â units/mg.Ã Â

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