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32-20372: Recombinant Human IL-15(Discontinued)

Reactivity : Cow, Human, Mouse, Rat
Alternative Name : IL-T

Description

Source:E.coliIL-15 is an immunomodulating cytokine that stimulates the proliferation of T lymphocytes and shares many biological properties with IL-2.Â IL-15 exerts its biological activities primarily on T cells.Â It is also essential in the development, survival and activation of NK cells.Â Increased expression of IL-15 has been linked to rheumatoid arthritis, inflammatory bowel disease, and diseases affiliated with retroviruses HIV and HTLV-I.Â Human IL-15 is biologically active on mouse cells as measured by the dose-dependent stimulation of the proliferation of mouse CTLL cells.Â Recombinant Human IL-15 is a 12.9 kDa protein consisting of 115 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 : MNWVNVISDL KKIEDLIQSM HIDATLYTES DVHPSCKVTA MKCFLLELQV ISLESGDASI HDTVENLIIL ANNSLSSNGN VTESGCKECE ELEEKNIKEF LQSFVHIVQM FINTS

Application Note

TheÃ Â ED_{50}Ã Â as determined by the dose-dependent stimulation of the proliferation of CTLL-2 cells was found to be <= 0.5 ng/ml, corresponding to a specific activity of >= 2 x 10^6Ã Â units/mg.Ã Â

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