

32-20344: Recombinant Rat IL-5(Discontinued)

Reactivity : Human
Alternative Name : EDF, BCDFII, TRF

Description

Source: **E.coli** IL-5 is a hematopoietic growth factor that stimulates the proliferation and activation of eosinophils. Produced by mast cells, T cells, and eosinophils, IL-5 plays an important role in inducing cell-mediated immunity against parasitic infections and certain tumors. Elevated levels of IL-5 lead to Eosinophilia, which may result in the induction of asthma and other allergic diseases. Recombinant Rat IL-5 is a 26.0 kDa disulfide-linked homodimeric protein containing two 113 amino acid chains.

Product Info

Amount : 2 µg / 10 µg
Purification : Purity: $\geq 98\%$ by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MEIPMSTVVK ETLIQLSTHR ALLTSNETMR LPVPTHKNHQ LCIGEIFQGL DILKNQTVRG GTVEILFQNL
SLIKKYIDGQ KEKCGEERRK TRHFLDYLQE FLGVMSTEWA MEV

Application Note

The ED_{50} was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is ≤ 0.5 ng/ml, corresponding to a specific activity of $\geq 2 \times 10^6$ units/mg.