

32-20343: Recombinant Murine IL-5(Discontinued)

Reactivity : Human, Mouse
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. Human and murine IL-5 is cross-species reactive. Recombinant Murine IL-5 is a 26.2 kDa disulfide-linked homodimeric protein containing two 113 amino acid chains.

Product Info

Amount : 5 µg / 25 µg
Purification : Purity: $\geq 98\%$ by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MEIPMSTVVK ETLTQLSAHR ALLTSNETMR LPVPTHKNHQ LCIGEIQGL DILKNQTVRG GTVEMLFQNL
SLIKKYIDRQ KEKCGEERRR TRQFLDYLQE FLGVMSTEWA MEG

Application Note

The ED_{50} was determined by the dose-dependent stimulation of the proliferation of human TF-1 cells is ≤ 2.0 ng/ml, corresponding to a specific activity of $\geq 5 \times 10^5$ units/mg.