9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

Reactivity : Human, Mouse
Alternative Name : EDF, BCDFII, TRF

Description

Source:E.coliIL-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: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : MEIPMSTVVK ETLTQLSAHR ALLTSNETMR LPVPTHKNHQ LCIGEIFQGL DILKNQTVRG GTVEMLFQNL SLIKKYIDRQ KEKCGEERRR TRQFLDYLQE FLGVMSTEWA MEG

Application Note

TheÃ Â $ED_{50}$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 >= 5 x 10^5Ã Â units/mg.

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