

32-1398: k9 IL 3 Recombinant Protein

Alternative Name : MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399.

Description

Source : Escherichia Coli. Interleukin-3 Canine Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 120 amino acids and having a molecular mass of 14 kDa. The IL-3 is purified by proprietary chromatographic techniques. IL3 is a potent growth promoting cytokine. This cytokine is capable of supporting the proliferation of a broad range of hematopoietic cell types. It is involved in a variety of cell activities such as cell growth, differentiation and apoptosis. This cytokine has been shown to also possess neurotrophic activity, and it may be associated with neurologic disorders.

Product Info

Amount :	10 µg
Purification :	"Greater than 97.0% as determined by: (a) Analysis by HPLC. (b) Analysis by SDS-PAGE."
Content :	Lyophilized from a concentrated (1mg/ml) solution in water containing 1X PBS pH7.4.
Storage condition :	Lyophilized IL3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Amino Acid :	RPFSTDLPKQ YFTMINEIME MLNKSPSPSE EPLDSNEKET LLEDTLRLPNLDVFLNASSK FHKNGLLIWN NLKEFLPLLP TPTPRGEPIS IMENNWGDFQRKLKYLEAL DNFLNFKNKP.

Application Note

The ED50 as determined by the dose-dependant stimulation of TF-1 cells

