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32-1402: IL 4 His Recombinant Protein

Alternative Name : BCGF,BCDF,B cell stimulating factor,BSF-1,Lymphocyte stimulatory factor 1,IL-4,MGC79402,Binetrakin,Pitrakinra.

Description

Source : Escherichia Coli. Interleukin-4 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 150 amino acids fragment (25-153) and having a total molecular mass of 17.2kDa.The IL-4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Interleukin-4 is a pleiotropic cytokine produced primarily by activated T lymphocytes, basophils and mast cells. Multiple immune response-modulating functions are performed by IL-4 on a variety of cell types and it has an important role in the regulator of isotype switching, induction of IgE production in B lymphocytes and differentiation of precursor T helper cells. IL-4 binds to both membrane-bound and secreted soluble IL-4 receptors.

Product Info

Amount :	10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	Interleukin-4 His-Tag is supplied in 20mM Tris-HCl and10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MHKCDITLQE IIKTLNSLTE QKTLCTELTV TDIFAASKNT TEKETFCRAA TVLRQFYSHH EKDTRCLGAT AQQFHRHKQL IRFLKRLDRN LWGLAGLNSC PVKEANQSTL ENFLERLKTI MREKYSKCSS.

Application Note

The ED50 for this effect is <1.8ng/ml. Measured in a cell proliferation assay using TF1 human erythroleukemic cells.

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