

## IL4

### Recombinant Human Interleukin 4 (aa 25-153) His

<b>Catalog No.</b>	CRI208A	<b>Quantity:</b>	5 µg
	CRI208B		20 µg
	CRI208C		1.0 mg

**Alternate Names:** BCGF, BCDF, B cell stimulating factor, BSF-1, Lymphocyte stimulatory factor 1, IL-4, MGC79402, Binetrakin, Pitrakinra.

**Description:** 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. Interleukin-4 Human Recombinant produced in *E. Coli* is single, a non-glycosylated, Polypeptide chain containing 150 amino acids fragment (25-153). The IL-4 is fused to 20 amino acid His-Tag at N-terminus.

**Physical Appearance:** Sterile Filtered clear solution.

**GeneID:** 3565

**Source:** *E. coli*

**Molecular Mass:** 19.62 kDa with an amino-terminal hexahistidine tag

**Formulation:** Interleukin-4 His-Tag is supplied in 1 x PBS + 50% glycerol.

**Purification:** Purified by proprietary chromatographic techniques.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MHKCDITLQE IIKTLNSLTE QKTLCTELTV  
TDIFAASKNT TEKETFCAA TVLRQFYSHH EKDTRCLGAT AQQFHRHKQL  
IRFLKRLDRN LWGLAGLNSC PVKEANQSTL ENFLERLTKI MREKYSKCSS.

**Storage & Stability:** Store at 4°C if entire vial will be used within 2-4 weeks.  
Store, frozen at -20°C for longer periods of time.  
**Please avoid freeze thaw cycles.**

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

