



Catalog # 1421

Synonyms hIL-4, BCGF-1, Lymphocyte stimulatory factor 1

Type Recombinant

Source E. coli Species Human Tag GST Form Liquid

Purity > 98 % by SDS PAGE

Shipping ice packs

Introduction

Recombinant Human IL-4 is a pleiotropic cytokine produced by activated T cells. It binds to IL-4 receptor and activates STAT6 mediated signaling pathway.

Description

IL-4 regulates the differentiation of helper Th2 cells favoring a humoral immune response. Human IL-4 is a 15 kDa protein containing 130 amino acid residues.

Application

Affinity Purification, Western Blotting, ELISA, Protein Array, Protein-Protein Interactions, Pull-down Assay,

Purification method

Affinity chromatography.

Formulation

50ug/ml, Storage buffer: 100mM NaCl, 50mM CAPS, 30mM glutathione, 100mM Tris, 30% glycerol

Storage

-80C, aliquot to avoid repeated freezing and thawing.

Analyte specific reagent (ASR) manufactured under ISO 13485. Country of origin: Czech Republic



