



IL-4 Human

Datasheet, Version 2/2016

protean

On the bow of top biotechnology

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

