



Interleukin-4

Human, Recombinant, *E. coli*

Cat. No.: RCP9260

Size: 10µg

Synonym: IL-4; B-Cell Stimulatory Factor 1; BSF-1.

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.

RANDOX recombinant IL-4 comprises a 129 amino acid fragment (25-153) corresponding to the mature IL-4 protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Ohara, J. (1989) *Year Immunol.* **5** : 126-159.

Beckmann, M.P. *et al.* (1992) *Chem. Immunol.* **51** : 107-134