**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:**