Interleukin-4

Human, Recombinant, *E. coli*

**Cat. No.:**
- RCP9261
- RCP9262
- RCP9120

**Size:**
- 10μg
- 100μg
- 1000μg

**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

**Purity:** >95% by SDS-PAGE

**References:**