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**Interleukin 1 $\beta$**

**Human, Recombinant, *E. coli***

**Cat. No.:** RCP9287

**Size:** 10 $\mu$ g

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**Synonym:** IL-1B; IL-1 $\beta$ ; IL-1 beta; interleukin-1beta; IL1F2; catabolin

**Description:** Interleukin-1 $\beta$  is a potent pro-inflammatory cytokine produced by a wide variety of cell types including monocytes and macrophages. It displays a broad range of biological activity including activation of B and T cells in response to inflammation and the activation of endothelial cells.

**RANDOX** recombinant IL-1 $\beta$ -chain comprises a 153 amino acid fragment (117-269) corresponding to the mature IL-1 $\beta$  chain 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:** Dinarello, C.A. (2002) *Clin. Exp. Rheumatol.* **20(5 s.27):** S1-13.