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**Interleukin 1 $\alpha$**

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

**Cat. No.:** RCP9284

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

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**Synonym:** IL-1A, IL-1  $\alpha$ ; IL1-alpha, IL1F1, hematopoietin-1, interleukin 1 alpha.

**Description:** Interleukin 1 $\alpha$  is a proinflammatory cytokine produced by a wide variety of cell types, including macrophages, osteoblasts, monocytes and hepatocytes. Circulating levels of are normally low and only rise after stimulation by agents such as those produced by inflammation, infection or microbial endotoxins. IL-1  $\alpha$  possesses a wide variety of biological activities and exerts its effects by binding to specific cell surface receptors.

**RANDOX** recombinant IL-1 $\alpha$ -chain comprises a 159 amino acid fragment (113-271) corresponding to the mature IL-1 $\alpha$  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