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**IL-1RA** **Human, Recombinant, *E. coli***

**Cat. No.:** RCP9051 **Size:** 10µg

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**Synonym:** Interleukin-1 receptor antagonist protein; IRAP; IL-1 inhibitor; Interleukin-1 receptor antagonist protein precursor; MGC10430.

**Description:** IL-1Ra is the natural antagonist of the pro-inflammatory cytokines Interleukin-1 $\alpha$  and Interleukin-1 $\beta$ . IL-1Ra is produced by a variety of cells including monocytes, macrophages, neutrophils and fibroblasts in response to the binding of various pro-inflammatory cytokines.

**RANDOX** recombinant IL-1RA comprises a 152 amino acid fragment (26-177) corresponding to the mature soluble IL-1RA 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:** Dinarello, C.A. (1998) *Int. Rev. Immunol.* **16 (5-6)**: 457-499.