

## IL 1RA Human His

**Description:** IL1Ra Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 152 amino acids fragment (26-177) and having a total molecular mass of 21.63kDa with an amino-terminal hexahistidine tag. The IL-1Ra His is purified by proprietary chromatographic techniques.

**Catalog #:** CYPs-488

For research use only.

**Synonyms:** IRAP, IL1F3, IL1RA; IL-1ra3, ICIL-1RA, IL1RN, IL1 inhibitor, IL-1ra, MGC10430.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered clear solution.

**Purity:** Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

Interleukin-1Ra His-tag protein is supplied in 20mM Tris HCl (pH 8) and 50% glycerol.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

IL-1Ra is the natural antagonist of the pro-inflammatory cytokines Interleukin-1 and Interleukin-1. 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.

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