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## Product Data Sheet

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Product Name: IL 1RA Human His  
Cat. No.: GP20459  
Batch No.: 1

### Product Data

|                     |   |                    |                         |
|---------------------|---|--------------------|-------------------------|
| Purity              | >98%  | Source             | Escherichia Coli.       |
| Physical Appearance | solid   | Shipping Condition | Shipped with Ice Packs. |
| Synonyms            | IRAP; IL1F3; IL1RA; IL-1ra3; ICIL-1RA; IL1RN; IL1 inhibitor; IL-1ra; MGC10430.        |                    |                         |
| Formulation         | Interleukin-1Ra His-tag protein is supplied in 20mM Tris HCl (pH 8) and 50% glycerol. |                    |                         |

### Introduction

IL-1Ra is the natural antagonist of the pro-inflammatory cytokines Interleukin-1 $\beta$  and Interleukin-1 $\alpha$ . 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.

### 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.

### Background

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA