

## Recombinant Human IL1RAP Protein, DYKDDDDK-tagged

Cat. No. IL1RAP-151H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human interleukin 1 receptor accessory protein(IL1RAP), transcript variant 2(NM_134470), with a DYKDDDDK tag, was expressed in human cells.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | Human Cells  |
| <b>Description</b>      | Interleukin 1 induces synthesis of acute phase and proinflammatory proteins during infection, tissue damage, or stress, by forming a complex at the cell membrane with an interleukin 1 receptor and an accessory protein. This gene encodes the interleukin 1 receptor accessory protein. The protein is a necessary part of the interleukin 1 receptor complex which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in two transcript variants encoding two different isoforms, one membrane-bound and one soluble. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. |
| <b>Form</b>             | Purified protein formulated in a sterile solution of TBS buffer, pH7.312, without any preservatives.   |
| <b>Molecular Mass</b>   | 39.75kD  |
| <b>Endotoxin</b>        | Endotoxin level is < 0.1 ng/g of protein (<1EU /g)   |
| <b>Purity</b>           | >90% by SDS-PAGE gel and Coomassie Blue staining   |

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**Applications** Antigen, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

## GENE INFORMATION

**Gene Name** [IL1RAP interleukin 1 receptor accessory protein \[ Homo sapiens \]](#)

**Official Symbol** [IL1RAP](#)

**Synonyms** IL1RAP; interleukin 1 receptor accessory protein; interleukin-1 receptor accessory protein; C3orf13; IL 1RAcP; IL1R3; IL-1R3; interleukin-1 receptor 3; IL-1 receptor accessory protein; interleukin-1 receptor accessory protein beta; IL-1RAcP; FLJ37788;

**Gene ID** [3556](#)

**mRNA Refseq** [NM\\_001167928](#)

**Protein Refseq** [NP\\_001161400](#)

**MIM** [602626](#)

**UniProt ID** [Q9NPH3](#)

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