

Recombinant Human IL1RAP Protein, DYKDDDDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human interleukin 1 receptor accessory protein(IL1RAP), transcript variant 2(NM_134470), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	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.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.312, without any preservatives.
Molecular Mass	39.75kD
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications

Antigens, 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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