

Recombinant Human IL1RAP Protein, His-tagged

Cat. No. IL1RAP-215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1RAP, transcript variant 2, fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
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	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH 7.2
Molecular Mass	39.75kD
AA Sequence	SERCDDWGLDTMRQIQVFEDEPARIKCPLFEHFLKFNYSTAHSAGLTLIWYWTRQD RDLEEPINFRLPENRISKEKDVLFWRPTLLNDTGNYTCMLRNTTYCSKVAFPLEVQ KDSCFNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSSVKPTITWYMGCYKIQNFNNVI PEGMNLSFLIALISNNGNYTCVVTPENGRTFHLTRTLTVKVVGSPKNAVPPVIHSPN

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DHVVEKEPGEELLIPCTVYFSFLMDSRNEVWWTIDGKKPDDITIDVTINESISHSRTE
DETRTQILSIKKVTSEDLKRSYVCHARSAKGEVAKAAKVQKGNRCGQVDHHHHHH

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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_134470

Protein Refseq NP_608273

MIM 602626

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UniProt ID

Q9NPH3

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