

Recombinant Human IL1RAP Protein, Fc-tagged

Cat. No. IL1RAP-305H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human IL1RAP protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	570
Description	<p>This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes.</p> <p>Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress.</p>
Form	Lyophilized
Molecular Mass	65.7 kDa
AA Sequence	<p>MTLLWCVVSLYFYGILQSDASERCDDWGLDTMRQIQVFEDEPARIKCPLFEHFLKFN YSTAHSAGLTLIWYWTRQDRDLEEPINFRLPENRISKEKDVLWFRPTLLNDTGNYYTC MLRNTTYCSKVAFPLEVVQKDSCFNSPMKLPVHKLYIEYGIQRITCPNVDGYFPSSV KPTITWYMGCYKIQNFNNVIPEGMNLISNNGNYTCVVTYPENGRTFHLTRTL TVKVVGSPKNAVPPVIHSPNDHVVEKEPGEELLIPCTVYFSFLMDSRNEVWWTIDG KKPDDITIDVTINESISHSRTEDETRTQILSIKKVTSEDLKRSYVCHARSAKGEVAKAA KVKQKVPAPRYTVELACFGATVLLLVVILIVVYHVYWLEMVLFYRAHFGTDETILDGK</p>

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EYDIYVSYARNAEEEEFVLLTLRGVLENEFGYKLCIFDRDSLPGGIVTDETLFSFIQKSR
 RLLVVLSPNYVLQGTQALLELKAGLENMASRGNINVILVQYKAVKETKVKELKRAKTV
 LTVIKWKGEKSKYPQGRFWKQLQVAMPVKKSPRRSSSDEQGLSYSSLKNV

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name IL1RAP interleukin 1 receptor accessory protein [Homo sapiens (human)]

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

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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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