



Human IL1RAP blocking peptide (CDBP1581)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	IL1RAP peptide (human)
Antigen 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. [provided by RefSeq, Nov 2009]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	Preservative: 0.02% Sodium Azide; Constituents: 0.1% BSA, PBS. pH 7.2
Preservative	0.02% Sodium Azide

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;
Entrez Gene ID	3556
mRNA Refseq	NM_001167928
Protein Refseq	NP_001161400
UniProt ID	Q9NPH3
Chromosome Location	3q28
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL-1 Signaling Pathway, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	interleukin-1 receptor activity; receptor activity; signal transducer activity; transmembrane signaling receptor activity;