

IL1RAP

Synthetic Human IL-1RAP (C2) (aa 525-540)

Catalog No. PX140BP **Quantity:** 50 µg

Alternate Names: zIL1R3, C3orf13, IL-1RAcP

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.

Gene ID: 3556

Application: The peptide is used for blocking the activity of anti-IL-1RAcP. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial, in PBS pH7.2 (10 mM NaH₂PO₄, 10 mM, Na₂HPO₄, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: KWKGEKSKYPQGRFWK

Storage & Stability: Store at -20°C, stable for one year.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.