

HUMAN IL1RAP PROTEIN, HIS TAG

Cat.#: 11534

Product Name: Human IL1RAP Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: IL-1RAcP;IL-1R3

Target: IL1RAP

UNIPROT ID: Q9NPH3

Description: Recombinant human IL1RAP protein with C-terminal 6xHis tag

Background: 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. 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. [provided by RefSeq, Jul 2018]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 39.9 kDa after removal of the signal peptide. The apparent molecular mass of IL1RAP-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: IL1RAP(Ser21-Glu359) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human ILIRAP Protein, His Tag on SDS-PAGE under reducing condition.