

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.

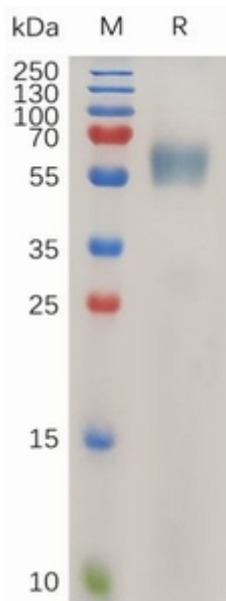


Figure 1. Human ILIRAP Protein, His Tag on SDS-PAGE under reducing condition.