

HUMAN IL18RAP PROTEIN, HIS TAG

Cat.#: 11575

Product Name: Human IL18RAP Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: IL-18RACp;AcPL;CDw218b;CD218b;IL-1RACPL;IL-1R7;IL-1R-7;IL-18Rbeta;IL-18R-beta

Target: IL18RAP

UNIPROT ID: O95256

Description: Recombinant human IL18RAP protein with C-terminal 6xHis tag

Background: The protein encoded by this gene is an accessory subunit of the heterodimeric receptor for interleukin 18 (IL18), a proinflammatory cytokine involved in inducing cell-mediated immunity. This protein enhances the IL18-binding activity of the IL18 receptor and plays a role in signaling by IL18. Mutations in this gene are associated with Crohn's disease and inflammatory bowel disease, and susceptibility to celiac disease and leprosy. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Feb 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of IL18RAP-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: IL18RAP(Phe20-Arg356) 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.

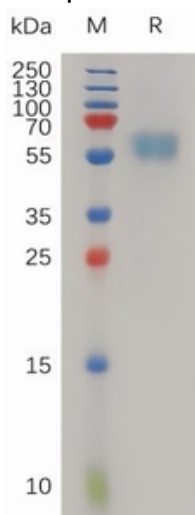


Figure 1. Human IL18RAP Protein, His Tag on SDS-PAGE under reducing condition.

