

## HUMAN IL13RA2 PROTEIN, HFC TAG

**Cat.#:** 11981

**Product Name:** Human IL13RA2 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CD213A2;CT19;IL-13R;IL13BP

**Target:** IL13RA2

**UNIPROT ID:** Q14627

**Description:** Recombinant Human IL13RA2 Protein with C-terminal human Fc tag

**Background:** The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 62.8 kDa after removal of the signal peptide. The apparent molecular mass of IL13RA2-hFc is approximately 70-100 kDa due to glycosylation.

**Molecular Characterization:** IL13RA2(Asp27-Thr340) hFc(Glu99-Ala330)

**Purity:** The purity of the protein is greater than 95% 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 IL13RA2 Protein, hFc Tag on SDS-PAGE under reducing condition.