

## HUMAN IL20RA PROTEIN, HFC TAG

**Cat.#:** 11905

**Product Name:** Human IL20RA Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** CRF2-8;IL-20R-alpha;IL-20R1;IL-20RA

**Target:** IL20RA

**UNIPROT ID:** Q9UHF4

**Description:** Recombinant Human IL20RA Protein with C-terminal human Fc tag

**Background:** This gene encodes a member of the type II cytokine receptor family. The encoded protein is a subunit of the receptor for interleukin 20, a cytokine that may be involved in epidermal function. The interleukin 20 receptor is a heterodimeric complex consisting of the encoded protein and interleukin 20 receptor beta. This gene and interleukin 20 receptor beta are highly expressed in skin, and are upregulated in psoriasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 51.4 kDa after removal of the signal peptide. The apparent molecular mass of IL20RA-hFc is approximately 55-100 kDa due to glycosylation.

**Molecular Characterization:** IL20RA(Val30-Lys250) 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 IL20RA Protein, hFc Tag on SDS-PAGE under reducing condition.