

HUMAN IL20 PROTEIN, HFC TAG

Cat.#: 11756

Product Name: Human IL20 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: IL-20;Cytokine Zcyto10

Target: IL20

UNIPROT ID: Q9NYY1

Description: Recombinant human IL20 Protein with C-terminal Human Fc tag

Background: The protein encoded by this gene is a cytokine structurally related to interleukin 10 (IL10). This cytokine has been shown to transduce its signal through signal transducer and activator of transcription 3 (STAT3) in keratinocytes. A specific receptor for this cytokine is found to be expressed in skin and upregulated dramatically in psoriatic skin, suggesting a role for this protein in epidermal function and psoriasis. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 43.7 kDa after removal of the signal peptide. The apparent molecular mass of IL20-hFc is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: IL20(Leu25-Glu176) 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.

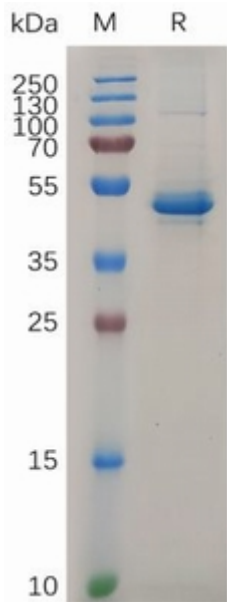


Figure 1. Human IL20, hFc Tag on SDS-PAGE under reducing condition.