

HUMAN IL-20RA (C-FC) PROTEIN

Cat.#: 12069

Product Name: Human IL-20RA (C-Fc) Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: Interleukin-20 Receptor Subunit Alpha;IL-20 Receptor Subunit Alpha;IL-20R-Alpha;IL-20RA;Cytokine Receptor Class-II Member 8;Cytokine Receptor Family 2 Member 8;CRF2-8;IL-20R1;ZcytoR7;IL20RA

Target: IL-20RA

UNIPROT ID: Q9UHF4

Description: Recombinant Human Interleukin-20 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Val30-Lys250 is expressed with a Fc tag at the C-terminus.

Background: Interleukin-20 Receptor Subunit α (IL20RA) is a single-pass type I membrane protein that is a member of the type II cytokine receptor family. IL20RA is synthesized a 553 amino acid glycoprotein precursor containing a 29 amino acid signal peptide, a 221 amino acid extracellular domain with two fibronectin type-III domains, a 24 amino acid transmembrane region, and a 279 amino acid intracellular domain. IL20RA is widely expressed with highest levels found in skin and testis and high levels in brain. IL20RA forms a heterodimer with IL20RB, and the complex serves as a receptor for IL19, IL20 and IL24. IL20RA also forms a heterodimer with the unique and specific receptor IL10RB and functions as the receptor for IL26.

Species/Host: HEK293

Molecular Weight: 52.4 KDa

Molecular Characterization: Not available

Purity: Greater than 95% as determined by reducing SDS-PAGE.

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.

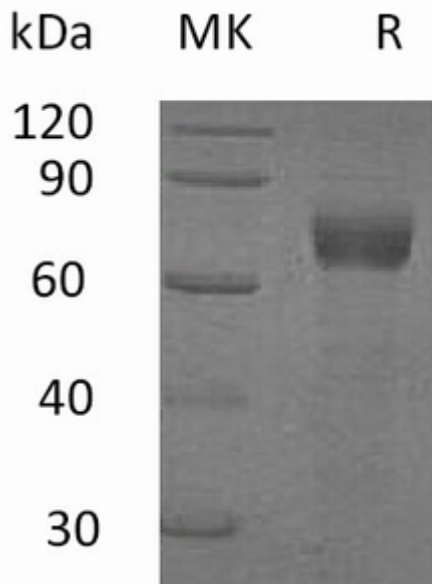


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.