

## HUMAN IL-20RB (C-FC) PROTEIN

**Cat.#:** 12071

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

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** Interleukin-20 receptor subunit beta;IL-20 receptor subunit beta;IL-20R-beta;IL-20RB;IL-20R2;DIRS1;hCG\_2022374;FNDC6;MGC34923;fibronectin type III domain containing 6;interleukin-20 receptor II

**Target:** IL-20RB

**UNIPROT ID:** Q6UXL0

**Description:** Recombinant Human Interleukin-20 Receptor Subunit Beta/IL-20RB is produced by our Mammalian expression system and the target gene encoding Asp30-Ala230 is expressed with a Fc tag at the C-terminus.

**Background:** Interleukin-20 receptor subunit beta(IL20RB) is a single-pass type I membrane protein and belongs to the type II cytokine receptor family. It contains 2 fibronectin type-III domains. There are two kinds of type II cytokine receptors : cytokine receptors that bind type I and type II interferons; cytokine receptors that bind members of the interleukin-10 family (interleukin-10, interleukin-20 and interleukin-22). Type II cytokine receptors are similar to type I cytokine receptors except they do not possess the signature sequence WSXWS that is characteristic of type I receptors. They are expressed on the surface of certain cells, which bind and respond to a select group of cytokines. These receptors are related predominantly by sequence similarities in their extracellular portions that are composed of tandem Ig-like domains. The intracellular domain of type II cytokine receptors is typically associated with a tyrosine kinase belonging to the Janus kinase (JAK) family.

**Species/Host:** HEK293

**Molecular Weight:** 49.6 KDa

**Molecular Characterization:** Not available

**Purity:** Greater than 85% 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.

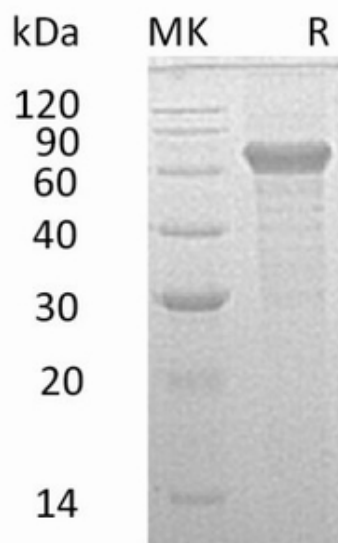


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.