

Recombinant Human IL-20RA Protein

Catalog No.: RP00537

Sequence Information

Species **Gene ID**
Human 53832

Swiss Prot **Tags**
Q9UHF4 C-His

Synonyms

IL20RA, CRF2-8, IL-20R-alpha, IL-20R1, IL-20RA

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
42.3 kDa 60 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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 as 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.

Basic Information

Description

Recombinant Human IL-20RA/IL-20 R alpha Protein is produced by Human cells expression system. The target protein is expressed with sequence (Val30-Lys250) of human IL-20RA/IL-20 R alpha (Accession #Q9UHF4) fused with a 6×His tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

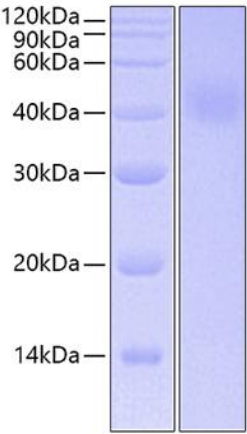
Contact

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Validation Data



Recombinant Human IL-20RA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.