

For Research Use Only

# Recombinant Human IL-20RA protein (rFc Tag)



Catalog Number: Eg2780

## Basic Information

**Species:**  
Human

**Purity:**  
>90 %, SDS-PAGE

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**  
>90 %, SDS-PAGE

**Endotoxin Level:**  
<0.1 EU/μg protein, LAL method

**Source:**  
HEK293-derived Human IL-20RA protein Val30-Lys250 (Accession# Q9UHF4-1) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**  
53832

**Accession:**  
Q9UHF4-1

**Predicted Molecular Mass:**  
51.3 kDa

**SDS-PAGE:**  
60-80 kDa, reducing (R) conditions

**Formulation:**  
Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

### Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

### Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

Interleukin 20 receptor subunit alpha (IL20RA) belongs to the type II cytokine receptor family. Upon binding to its ligands, such as interleukin (IL)-19, IL-20, and IL-24, IL20RA can form a functional heterodimeric receptor with IL20RB. IL-26, another IL20RA ligand, requires IL20RA and interleukin 10 receptor subunit beta (IL10RB) for signaling.

## References

1. Rutz S. et al. (2014). Nat Rev Immunol. 14:783-95.
2. Blumberg H. et al. (2001). Cell. 104:9-19.
3. Hor S. et al. (2004). J Biol Chem. 279:33343-51.

## Synonyms

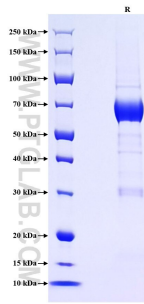
IL20RA, CRF2 8, IL 20 receptor subunit alpha, IL 20R alpha, IL 20R1

For technical support and original validation data for this product please contact

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## Selected Validation Data



Purity of Recombinant Human IL-20RA was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.