

For Research Use Only

# Recombinant Mouse IL-20RB protein (rFc Tag)



Catalog Number: Eg3168

## Basic Information

**Species:**  
Mouse

**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 Mouse IL-20RB protein Val27-Ser225 (Accession# E9Q9A6) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**  
213208

**Accession:**  
E9Q9A6

**Predicted Molecular Mass:**  
48.3 kDa

**SDS-PAGE:**  
50-65 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 beta (IL-20RB) is a component of the interleukin-20 receptor (IL-20R) complex. This receptor complex plays a significant role in immune regulation, tissue homeostasis, host defense, and oncogenesis. The interaction with these cytokines leads to the activation of the JAK/STAT signaling pathway, influencing various immune responses. IL-20RB has been implicated in various diseases, particularly in the context of autoimmune diseases and cancer.

## References

- 1.Chen J, et al. (2018). J Leukoc Biol. 104(5):953-959.
- 2.He Y, et al. (2022). J Clin Invest. 132(20):e157917.
- 3.Li XH, et al. (2023). J Transl Med. 21(1):911.

## Synonyms

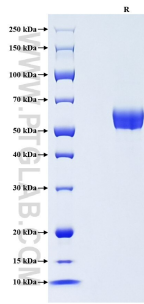
IL-20RB, DIRS1, FNDC6, IL-20R2, IL20rb

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

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## Selected Validation Data



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