

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/ μ g 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 μ m 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.

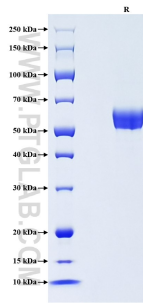
References

- 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

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.

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

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