

For Research Use Only

Recombinant Human CCL13 protein (rFc Tag)



Catalog Number: Eg2818

Basic Information

Species:
Human

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 Human CCL13 protein Gln24-Thr98 (Accession# Q99616) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
6357

Accession:
Q99616

Predicted Molecular Mass:
34.6 kDa

SDS-PAGE:
36-40 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m filtered solution in 30mM Tris, 500mM Arginine, pH 8.0. 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

CCL13 (MCP-4) is a secreted C-C chemokine that recruits monocytes, eosinophils, and T cells to inflammatory sites via CCR2/CCR3/CCR5 signaling. It plays key roles in allergic inflammation, fibrosis, and immune cell trafficking, linking innate and adaptive immune responses. Dysregulated CCL13 expression contributes to asthma, autoimmune inflammation, and tumor microenvironment remodeling, underscoring its function as both a chemotactic mediator and pro-fibrotic cytokine.

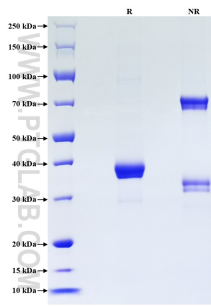
References

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Synonyms

MCP4, MCP-4, C C motif chemokine 13, CCL 13, CCL-13

Selected Validation Data



Purity of Recombinant Human CCL13 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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