

For Research Use Only

Recombinant Human CCL14 protein (rFc Tag)



Catalog Number: Eg2879

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 CCL14 protein Thr22-Asn93 (Accession# Q16627-1) with a rabbit IgG Fc tag at the C-terminus.

GeneID:

6358

Accession:

Q16627-1

Predicted Molecular Mass:

34.5 kDa

SDS-PAGE:

34-38 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in 20 mM PB, 150 mM NaCl, 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

CCL14, also known as HCC-1, is a human plasma chemokine that belongs to the CC chemokine family. It was originally collected and purified from the hemofiltrate of patients with chronic renal failure. CCL14 is constitutively expressed in various tissues, including the spleen, bone marrow, liver, muscle, and intestine. CCL14 serves as a novel prognostic factor and tumor suppressor of HCC by modulating cell cycle and promoting apoptosis (PMID: 31641099), and CCL14 is a potential biomarker associated with immune cell infiltration in lung adenocarcinoma (PMID: 39030403).

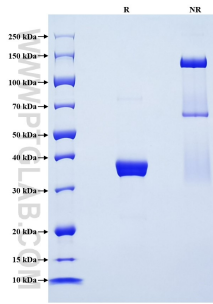
References

1. Zhu M. et al. (2019). Cell Death Dis. 10(11):796.
2. Sun BE. et al. (2024). Discov Oncol.15(1):293.

Synonyms

C C motif chemokine 14, C-C motif chemokine 14, CCL-14, Chemokine CC-1/CC-3, HCC-1(1-74)

Selected Validation Data



Purity of Recombinant Human CCL14 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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.