

Recombinant Human CCL24 protein (His Tag)

Catalog Number: Eg0395

Basic Information

Species:
Human**Purity:**
>90 %, SDS-PAGE**Tag:**
His Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:<0.1 EU/ μ g protein, LAL method**Source:**

HEK293-derived Human CCL24 protein Val27-Cys119 (Accession# O00175) with a His tag at the C-terminus.

GeneID:

6369

Accession:

O00175

Predicted Molecular Mass:

14.3 kDa

SDS-PAGE:

20-28 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

CCL24, known as eotaxin-2, is a chemokine that promotes cell trafficking and regulates inflammatory and fibrotic activities mainly through the C-C motif chemokine receptor 3 (CCR3) complex. It is expressed by activated T cells, monocytes, epithelial and endothelial cells as well as by activated fibroblasts. CCL24 is considered a contributor to kinds of atopic disorders, parasitic infections and numerous systemic diseases. CCL24 is also a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line.

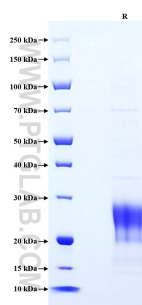
References

1. Ann S Heiman. et al. (2005) J Interferon Cytokine Res. 25(2):82-91.
2. Nicola L Diny. et al. (2016) Eur J Immunol. 46(12): 2749-2760.
3. Petronela Ancuta. et al. (2006) J Immunol. 176(10): 5760-71.
4. Witold Owczarek. et al. (2010) Cytokine. 50(2):181-5.

Synonyms

CCL24, CCL24/Eotaxin 2, Eotaxin 2, C C motif chemokine 24, C-C motif chemokine 24

Selected Validation Data



Purity of Recombinant Human CCL24 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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