

Recombinant Human CCL3L1 protein (rFc Tag)

Catalog Number: Eg5088

Basic Information

Species:
Human**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 Human CCL3L1 protein Ala24-Ala93 (Accession# P16619) with a rabbit IgG Fc tag at the N-terminus.

GeneID:

6349

Accession:

P16619

Predicted Molecular Mass:

35.0 kDa

SDS-PAGE:

35-40 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

CCL3L1 is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this gene binds to several chemokine receptors, including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals, where most individuals have one to six copies, and a minority of individuals have zero or more than six copies. There are conflicting reports about copy number variation of this gene and its correlation to disease susceptibility.

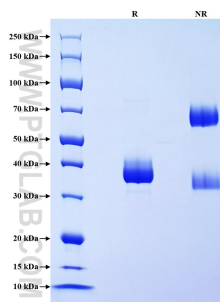
References

1. Gonzalez E, et al. (2005). Science. 307(5714):1434-40.
2. McKinney C, et al. (2008). Ann Rheum Dis. 67(3):409-13.
3. Ahuja SK, et al. (2008). Nat Med. 14(4):413-20.

Synonyms

C C motif chemokine 3 like 1, C-C motif chemokine 3-like 1, CCL3 L1, CCL3L3, D17S1718

Selected Validation Data



Purity of Recombinant Human CCL3L1 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

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