

For Research Use Only

Recombinant Mouse CXCL3 protein (mFc Tag)



Catalog Number: Eg3868

Basic Information

Species:
Mouse

Purity:
>90 %, SDS-PAGE

Tag:
mFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Mouse CXCL3 protein Ala28-Ser100 (Accession# Q6W5C0) with a mouse IgG Fc tag at the C-terminus.

GeneID:

330122

Accession:

Q6W5C0

Predicted Molecular Mass:

34.5 kDa

SDS-PAGE:

35-40 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

Chemokines are a class of pro-inflammatory cytokines that can recruit and activate chemotactic cells. This chemokine is secreted by a variety of cell types including monocyte/macrophages, T cells, neutrophils, fibroblasts, endothelial cells, and various tumor cell lines in response to inflammatory stimuli. CXC chemokine ligand 3 (CXCL3) is a member of CXC-type chemokine family that is identified as a major regulator in immune and inflammation responses. CXCL3 is broadly expressed in various human tumor types, and it is also known to play a critical role in mediating tumor development and progression.

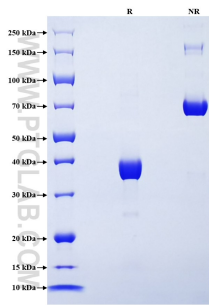
References

1. Adams DH, et al. (1997). *Lancet*. 15;349(9050):490-5.
2. Bonocchi R, et al. (2009). *Front Biosci (Landmark Ed)*. 1;14(2):540-51.
3. Cheng Y, et al. (2023). *BMC Cancer*. 29;23(1):1162.

Synonyms

C-X-C motif chemokine 3, Dcip1, Dendritic cell inflammatory protein 1, Gm1960

Selected Validation Data



Purity of Recombinant Mouse CXCL3 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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