



## Synonym

CINC-2b, GRO3, GROg, MIP-2b, MIP2B, SCYB3

## Source

Human CXCL3 Protein, Fc Tag (CX3-H5263) is expressed from human 293 cells (HEK293). It contains AA Ala 35 - Asn 107 (Accession # [P19876](#)).

Predicted N-terminus: Pro

## Molecular Characterization

Fc(Pro 100 - Lys 330)	CXCL3(Ala 35 - Asn 107)
P01857	P19876

This protein carries a human IgG1 Fc tag at the N-terminus.

The protein has a calculated MW of 34 kDa. The protein migrates as 38-41 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

## Endotoxin

Less than 1.0 EU per  $\mu$ g by the LAL method / rFC method.

## Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

## Formulation

Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

## Storage

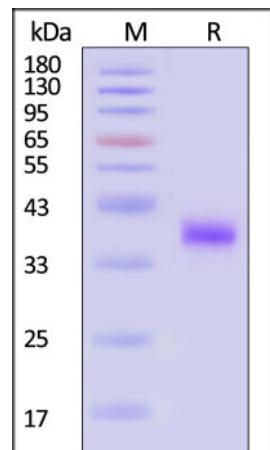
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

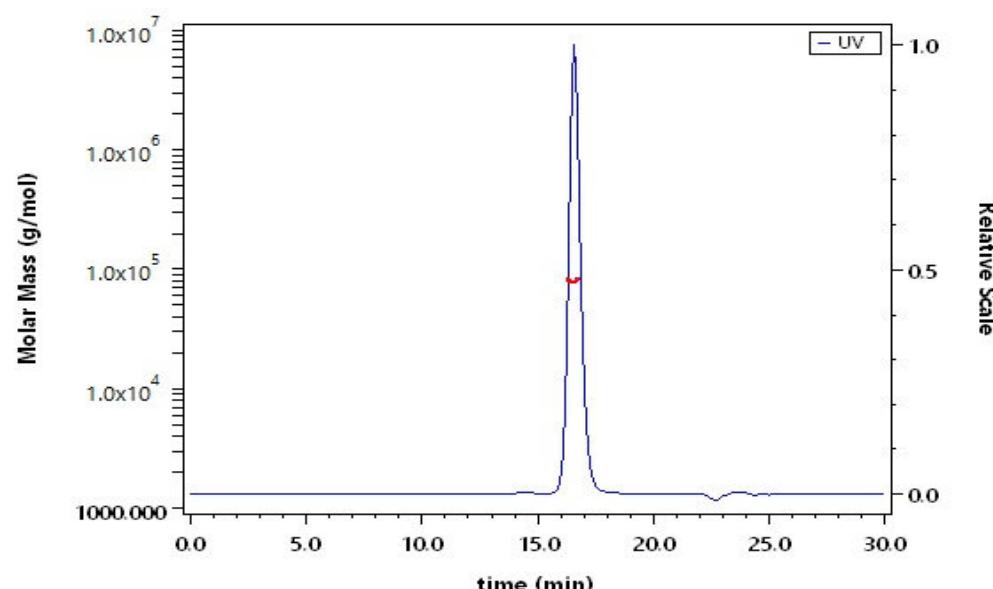
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## SDS-PAGE



Human CXCL3 Protein, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

## SEC-MALS



The purity of Human CXCL3 Protein, Fc Tag (Cat. No. CX3-H5263) is more than 90% and the molecular weight of this protein is around 65-85 kDa verified by SEC-MALS.

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## Background

This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils.

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