

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) P01857	CXCL3(Ala 35 - Asn 107) P19876
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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 µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

>90% as determined by SEC-MALS.

Formulation

Lyophilized from 0.22 µm 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.

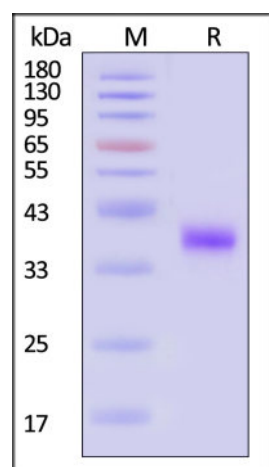
Storage

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

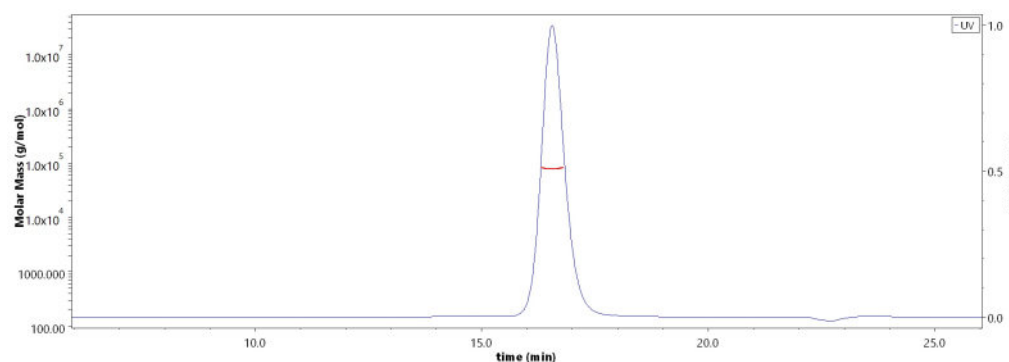
Please avoid repeated freeze-thaw cycles.

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.

[Report](#)

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.

Clinical and Translational Updates

Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.